GLOBAL

WF 925-60 AUT / WF 926-60 AUT

Instruction manual
&
Parts book

PRECAUTIONS BEFORE STARTING OPERATION

1. Safety precautions

1) When turning the power on, keep your hands and fingers away from the area around/under the needle and the area around the pulley.
2) Power must be turned off when the machine is not used, or when the operator leaves his/her seat.
3) The power must be turned off before tilting the machine head, installing or removing the "V" belt, adjusting the machine, or when replacing.
4) Avoid placing fingers, hairs bars etc. near the pulley, "V" belt, bobbin winder pulley, or motor when the machine is operation. Injury could result.
5) Do not insert fingers into the thread take-up cover, under/round the needle, or pulley when the machine is in operation.
6) If a belt cover, finger guard, and/or eye guard are installed, do not operate the machine without these safety devices.

2. Precaution before Starting Operation

1) If the machine's oil pan has an oil sump, never operate the machine before filling it.
2) If the machine is lubricated by a drop oiler, never operate the machine before lubricating
3) When a new sewing machine is first turned on, verify the rotational direction of the pulley with the power on.
   (the pulley should rotate counterclockwise when viewed from the pulley.)
4) Verify the voltage and (single or three) phase with those given on the motor nameplate.

3. Precaution for Operating Conditions

1) Avoid using the machine at abnormally high temperature (35℃ or higher) or low temperature (5℃or lower). Otherwise, machine failure may result.
2) Avoid using the machine in dusty conditions.
3) Avoid using the machine in areas where too much electrical noise, resulted from the high-frequency welder and others, is generated.

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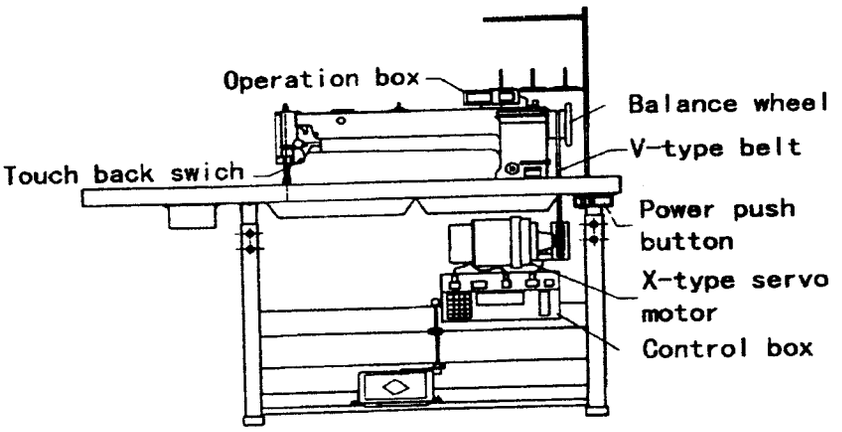
PREPARATION FOR OPERATION

● Overall view of assembled sewing machine



1. Power cable connection

(1) Connection to Power Supply

When connecting the power supply connector to the control box, the connector should be completely plugged in the proper receptacle after confirming the connector type and matching direction.

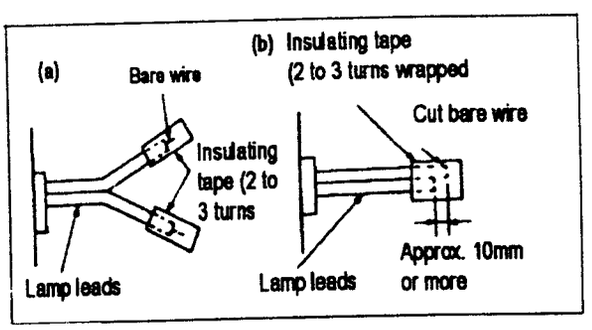
A. In case of three-phase electrical power system, the "U" phase should be connected to the red lead, the "V phase to the white lead, and the "W" phase to the black lead. The motor rotary direction depends, however, upon the setting of the internal switch in the control box as described in Paragraph 1-(3)

!CAUTION: The green wire must be connected to the ground terminal in order to ground the motor properly.

B. The appropriate power fuse capacity is as follows. Power supply 200V-240V: 10A
100V-120V: 15A

(2) Lamp Leads

A. When installing the illuminating lamp(6V,15-20W),The connecting wire is attached on the back of the Control box. It should be removed and connected by removing the insulating tube from the wire and stripping properly. The wire connections should be, then, insulated by wrapping insulating tape on the wires.



!CAUTION: The power switch must be turned off before connecting the lamp.

B. When the illuminating lamp is not used, the end of the lamp leads must be insulated as (a) or (b) as shown in the figure on right side. If a short circuit occurs failing to insulate, the transformer in the control box will be possibly burned out.

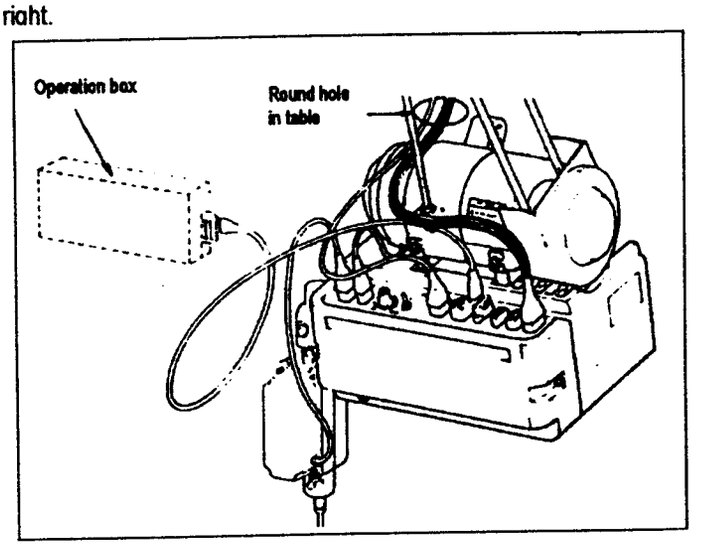
!CAUTION: The illuminating lamp must not be connected with any heater, such as a foot warmer and others, in parallel. Otherwise, the load capacity will be exceeded. It may cause transformer winding burned out..

(3) Rotary direction

It is possible to change the rotary direction of the motor by removing the rubber cap from the bottom left side of the front cover on the control box, and push the internal direction selector switch. The built-in lamp in the internal switch is off when the motor is rotating counterclockwise as facing to the motor pulley, and on when rotating clockwise. The rotary direction has been set to counterclockwise as facing to the motor pulley, matching with the machine prior to shipping

2. Connection of control box

The control box should be connected as shown to the right.



!Note: (1) Be sure to turn the power switch off for safety before connecting or disconnecting the connectors.

(2) The combination of the machine heads with the motor control panels are specified below. Use special care for the correct combination when replacing the machine head or motor control panel.

3. Adjustment of needle bar stop position

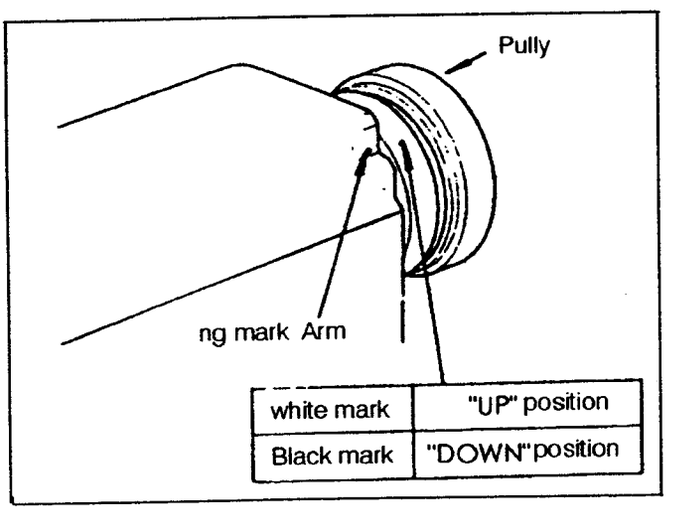
(1) Adjust of "UP" position

When the pedal is kicked down by heel, the machine stops at "UP" position. If the marks deviate larger than 3mm, adjust as follows.

A. Disconnect the plug (12 pins) of cable from the machine head.

B. Run the machine and stop at "UP" position.

C. While holding the pulley, insert the "adjusting tool" in the hole" A", then remove the tool.



(2) Adjust of "Down" position

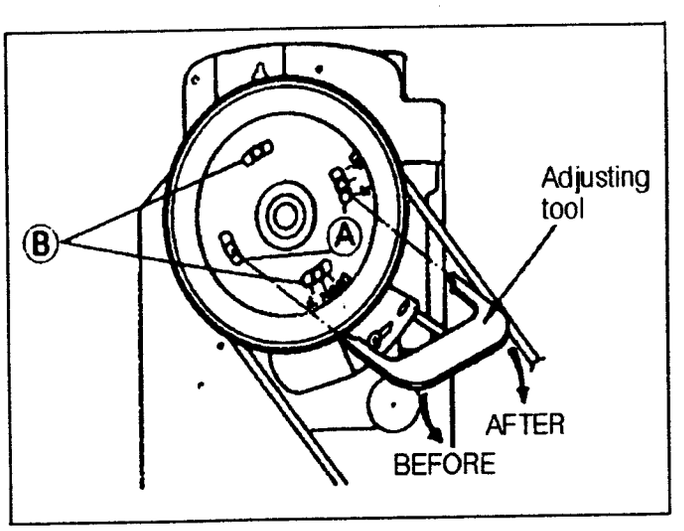
When the pedal is "Neutral" the machine stops at "Down" position. If the marks deviate large than 5mm, adjust as follows

A. Disconnect the plug (12 pins) of cable from the machine head

B. Run the machine and stop at "Down" position.

C. While holding the pulley, insert the "adjusting tool" in the hole "B", then remove the tool.

(3) Confirm the stop operation, then set the plug (12 pings) coming from the machine head into the receptacle.

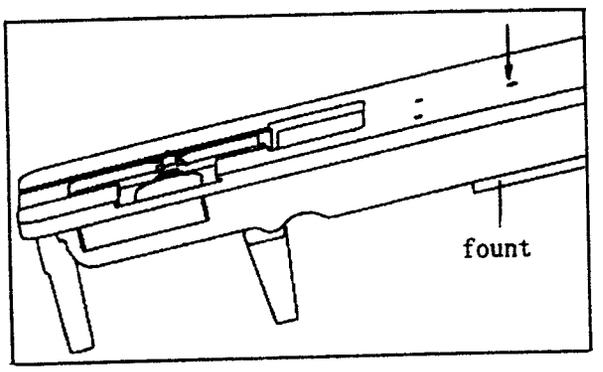


!CAUTIONS ON USE

1. Oiling (1)

Filling the oil to the fount.

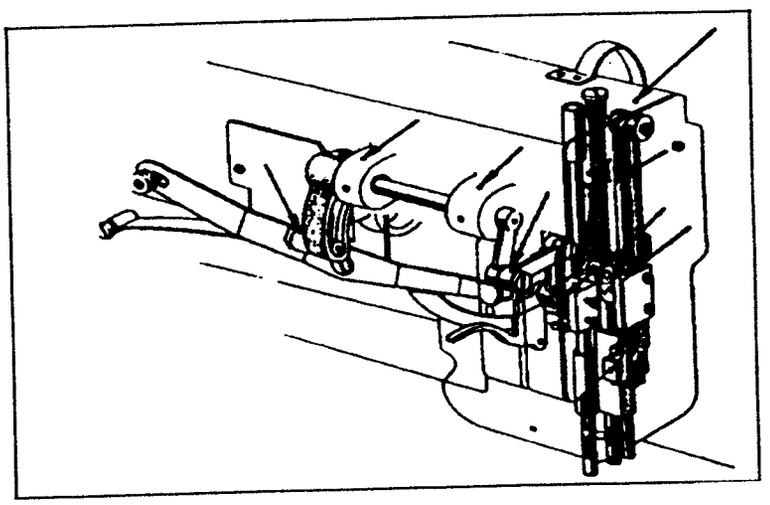
Oil level should be periodically checked. If oil level is little,Please replenish oil to enough

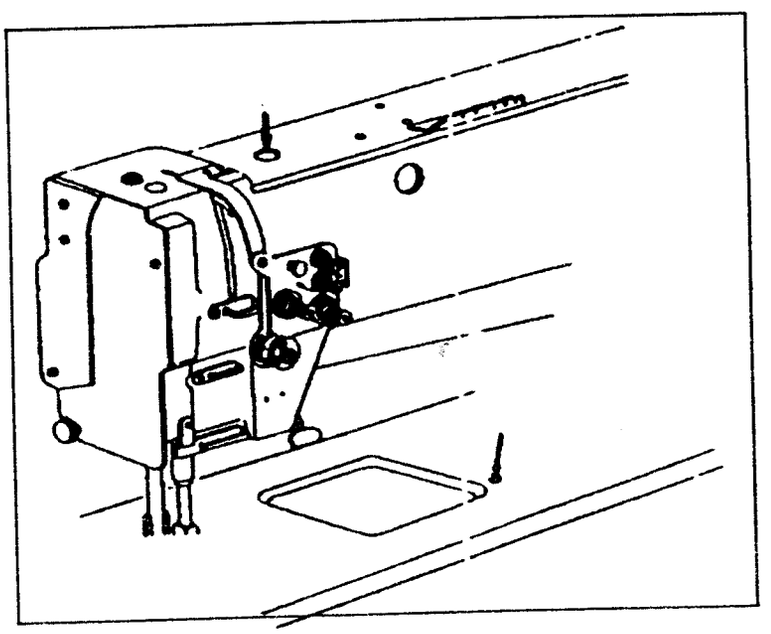


For oil, Use white spindle oil

2. Oiling (2)

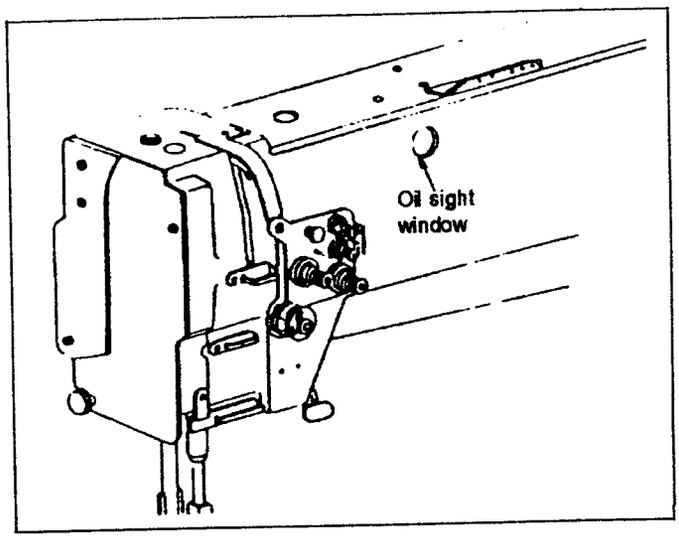
When a new sewing machine is used for the first time, or sewing machine left out of use for considerably long time is used again, replenish a suitable amount of oil to the portions indicated by arrow in the below figure.





3. Oiling condition

See dripping of oil through the oil sight hole to check oiling condition during operation.



4. Cautions on operation

(1) When the power is turned on or off, keep foot away from the pedal.

(2) It should be noted that the brake might not work when the power is interrupted or power failure occurs during sewing machine operation.

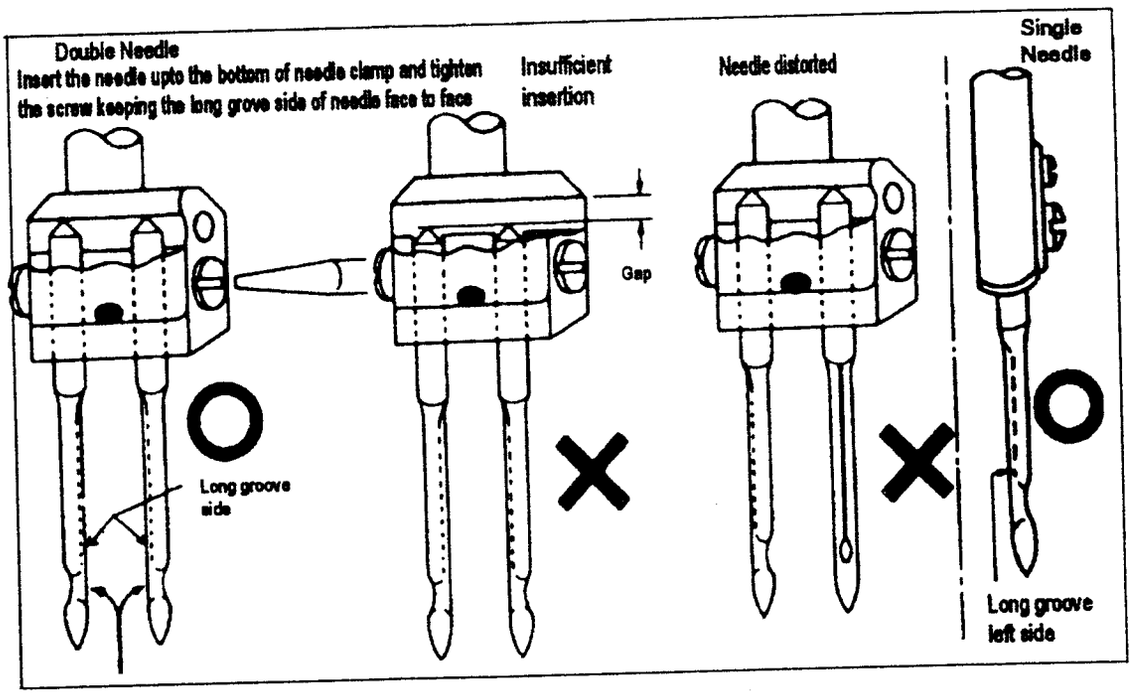
(3) Since dust in the control box might cause malfunction or control troubles, be sure to keep the control box cover close during operation.

(4) Do not apply a multimeter to the control circuit for checking; otherwise voltage of multimeter might damage semiconductor components in the circuit.

!OPERATION

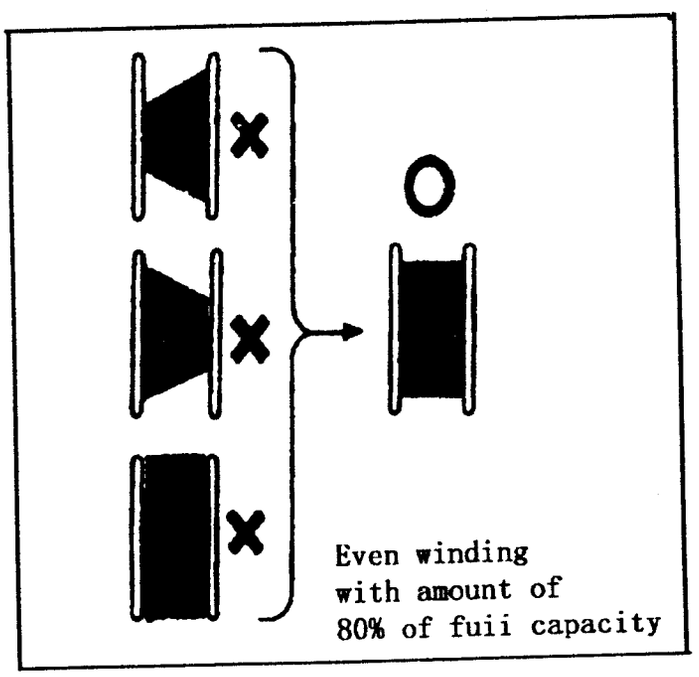
1. Installation of needles

!Note: Before installing the needles, be sure to turn off the power.

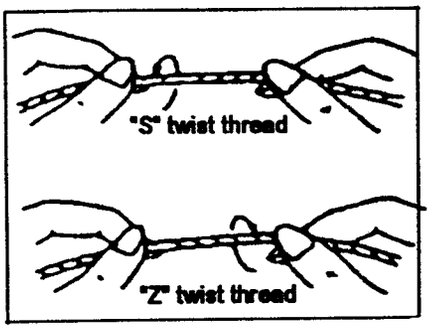


2. Winding of bobbin thread

!Note: When bobbin thread is wound, keep the presser foot lifted.



3. Selection of thread

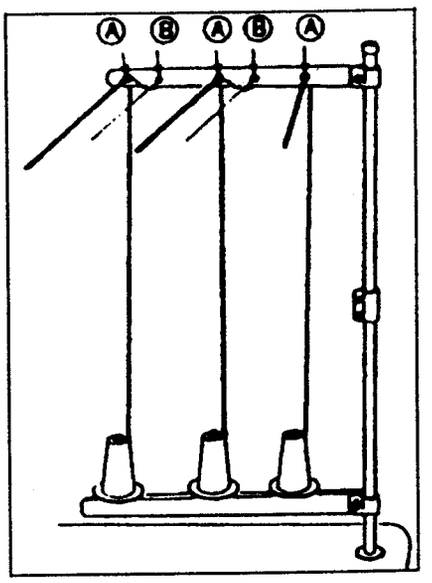


It is recommended to use "S" twist thread in the Left needle (viewed from front), and "Z' twist thread in the right needle.

When discriminate use of needle threads is impossible, use "Z" twist thread in both the needles.

For bobbin thread, "S" twist thread as well as "Z" twist Thread can be used.

4. Threading of needle threads

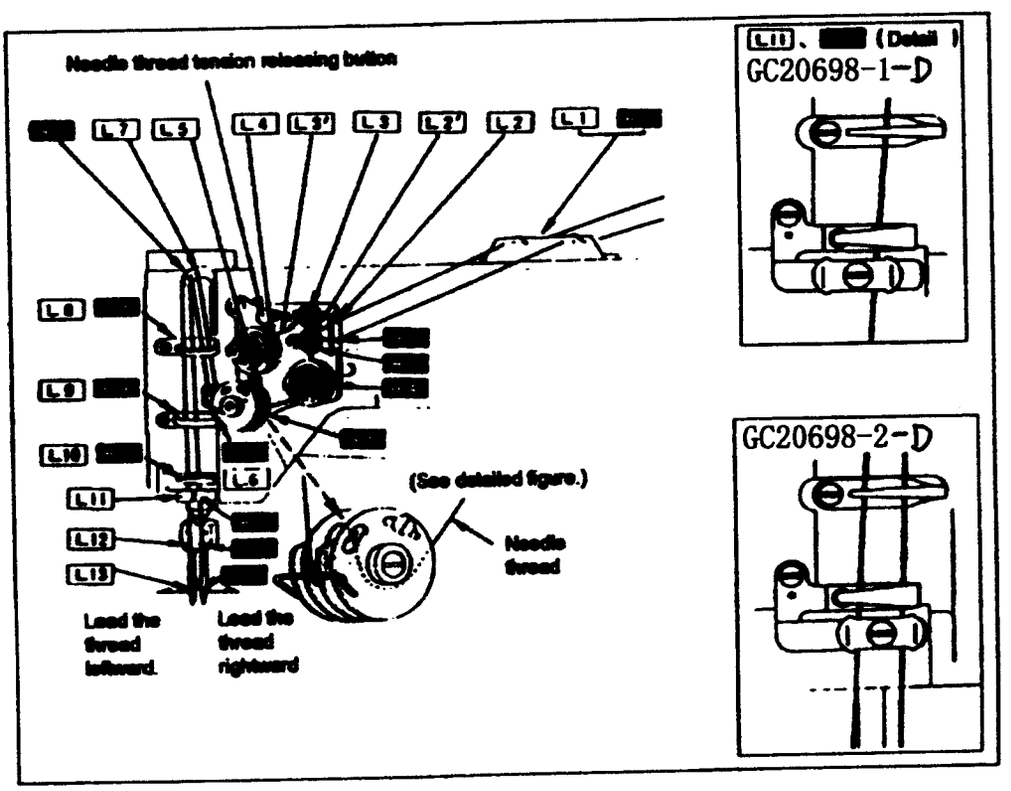


(1) Pass each needle thread through thread guide A

Note: When thin slippery thread (polyester Thread or filament thread, for example) is used pass the thread through thread guide B as well.

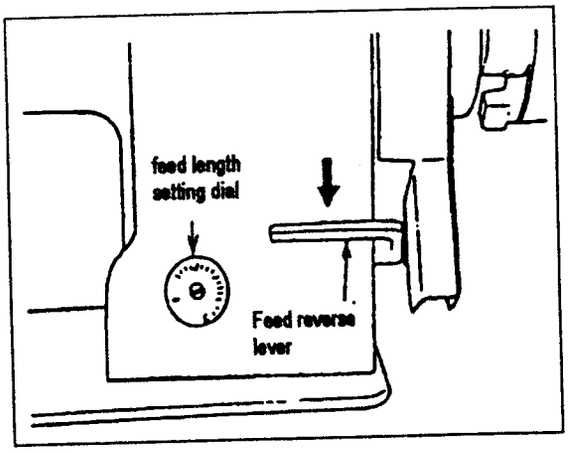
(2) With the take-up lever located at the upper most position, pass each needle thread in the order shown in the following figure.

Note: Pressing the upper thread loosening button shown in the figure below opens the saucer of the upper thread tension adjuster, and the upper thread can easily pulled out.

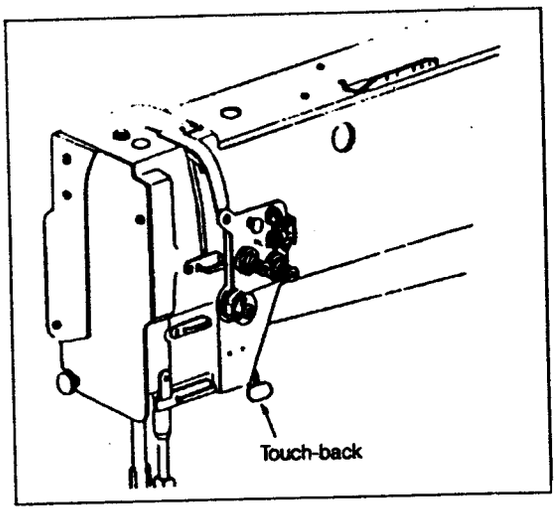


5. Adjustment of feed (stitch) length and stitch reversing (touch back)

Note: To make feed (stitch) length smaller, depress the feed reverse lever and set the feed length setting dial to a desired position.



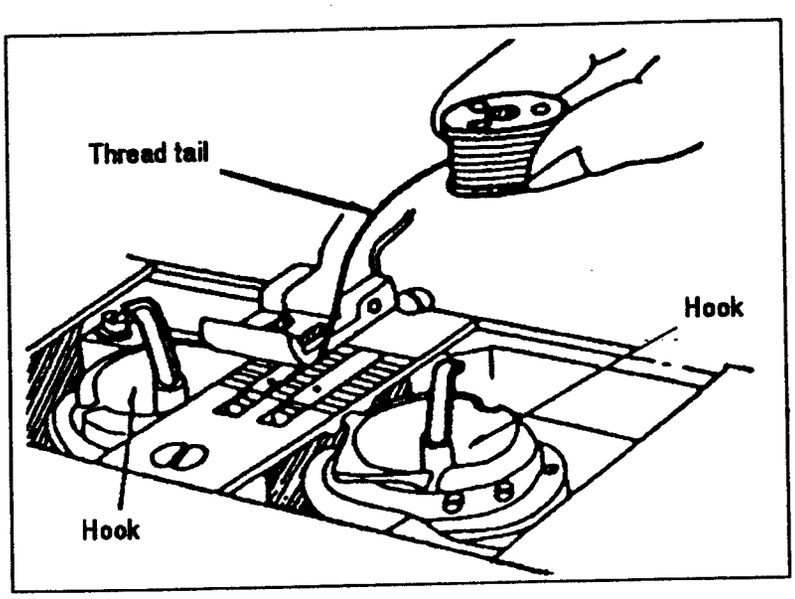
Touch-back button . . . Direction of stitching can be reversed by depressing this button. Stitching goes on in reversed direction while the button is held down, and returns to forward direction when the button is released.



6. Setting of bobbin

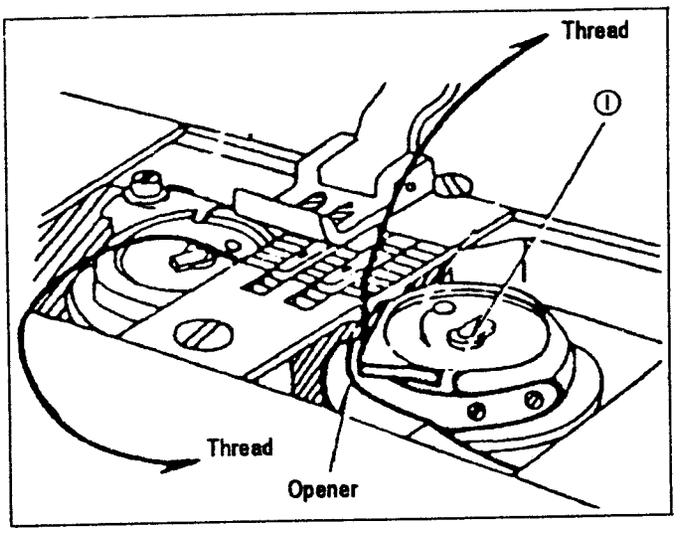
(1) Pulling out 5.cm thread tail from the bobbin.

(2) Hold the bobbin so that the bobbin thread is would in right direction and put it into the hook.

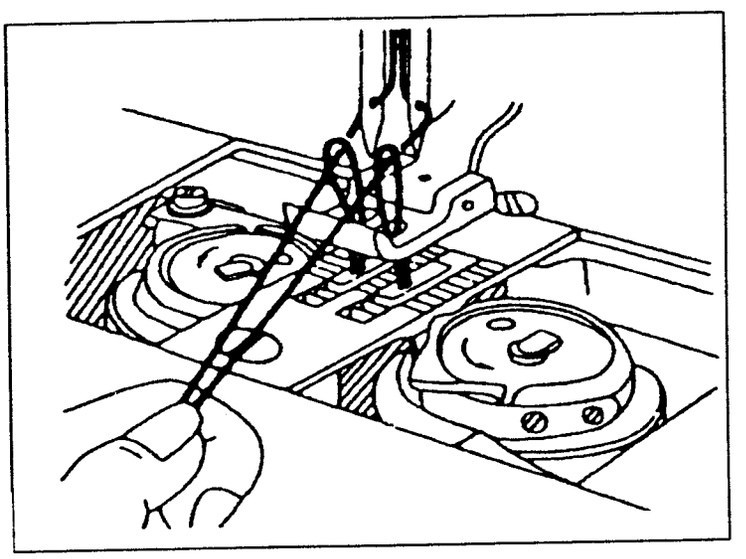


7. Threading of bobbin threads

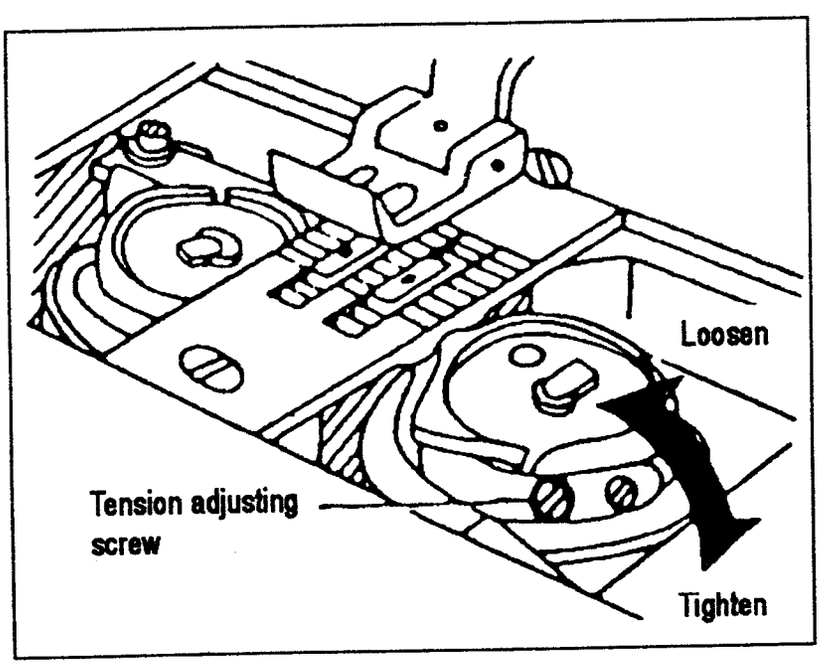
(1) Put the hook into the bobbin case and press down the latch ①. The thread end should be left on The bed.



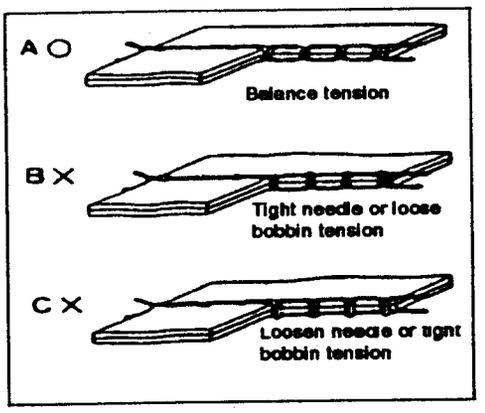
(2) While holding the two needle Threads by left hand, rotate the handwheel one turn by right hand. By pulling up the needle threads, as shown in the figure, the bobbin threads will be lifted. Each combination of bobbin thread and needle thread should be aligned and led backward.



8. Tension adjustment of bobbin threads



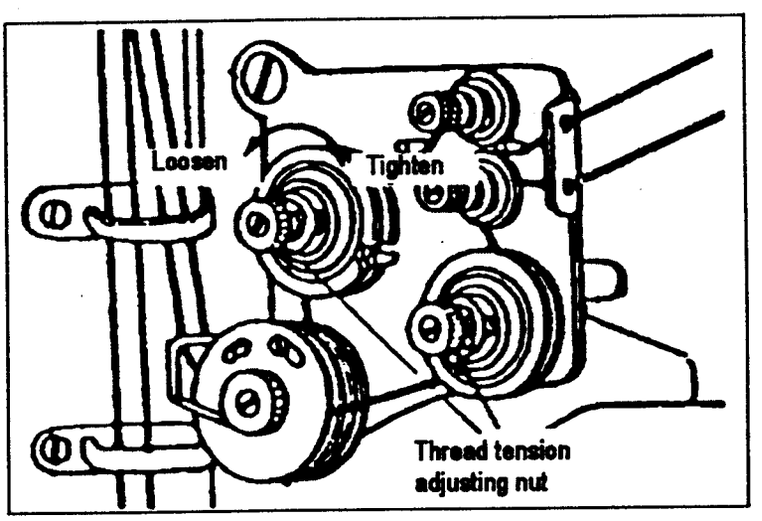
9. Balance of thread tension



10. Needle thread tension

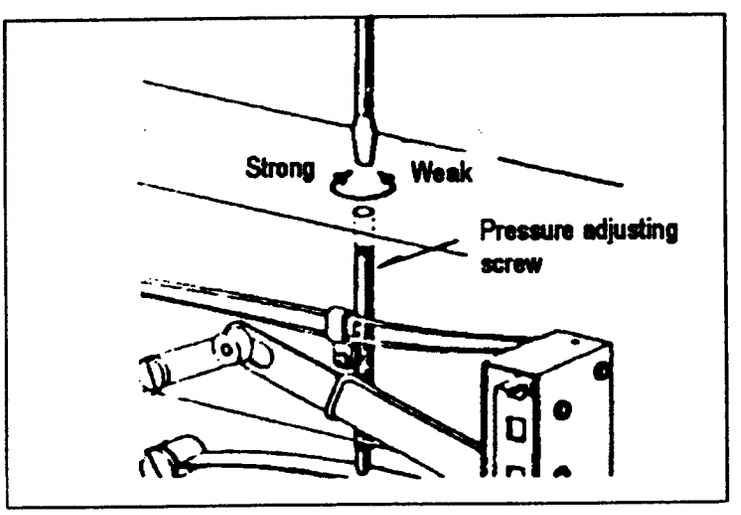
- Needle thread tension should be adjusted in reference to bobbin thread tension.
- To adjust needle thread tension, turn each tension adjusting nut.

  Needle thread tension can be also adjusted for special fabric and thread by changing intensity and movable range of slack thread adjusting spring.



11. Adjustment of presser foot pressure

Pressure to fabric(s) can be adjusted by turning the pressure adjusting screw.

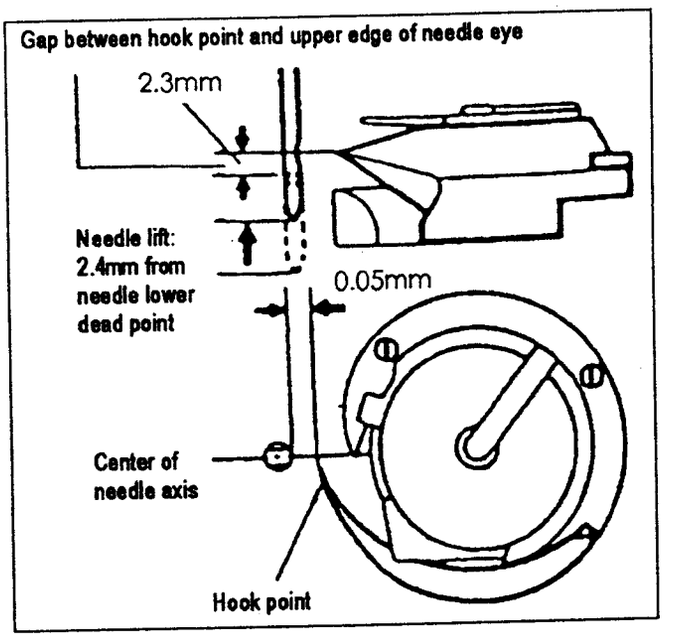


12. Timing between rotating hook motion and needle motion

(1) Set feed length (stitch length) to "6" on the feed setting dial.

(2) When needle is lifted 2.4mm from the lower dead point, as shown in Figure, the following positional relationship should be maintained. The upper edge of needle eye should be 2.3mm below the hook point.

- The hook point should be located at the center of needle axis.
- Gap between the hook point and the side face of needle should be 0.05mm.



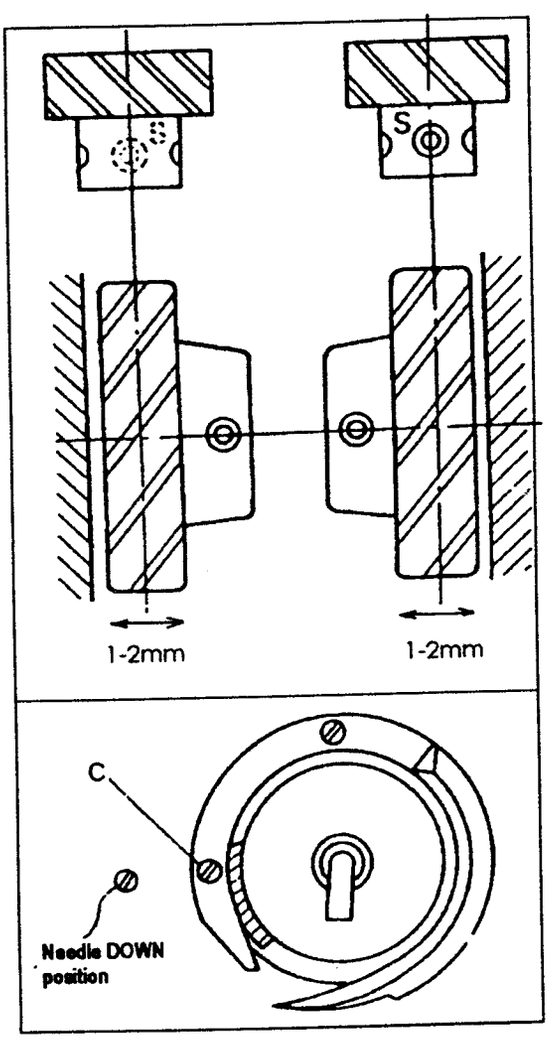
Positioning of hook point

(1) When the needle is at **DOWN** position, the smaller crossed helical gears on the right side and left side should be engaged with the large wheel so that the "S" screw of the former gear comes on the front side, and that of the latter gear on the reverse side.

(2) Tighten each "S" screw, where is punched for set screw, on the hook shaft.

(3) Approximate position of hook "C" screw of hook should be found close to the needle when the needle is at **DOWN** position.

To finely adjust timing between the needle Motion and hook motion, loosen the set screw of larger gear wheel and move the gear wheel in its axial direction within arrange from 1mm to 2mm.



13. Adjustment of feed dog height

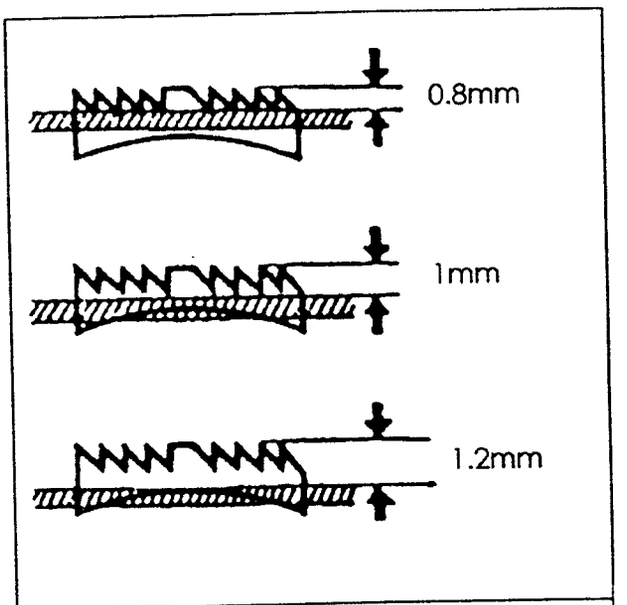
Height of feed dog and pressure of presser Foot should be adjusted for individual fabric(s) With the following cautions:

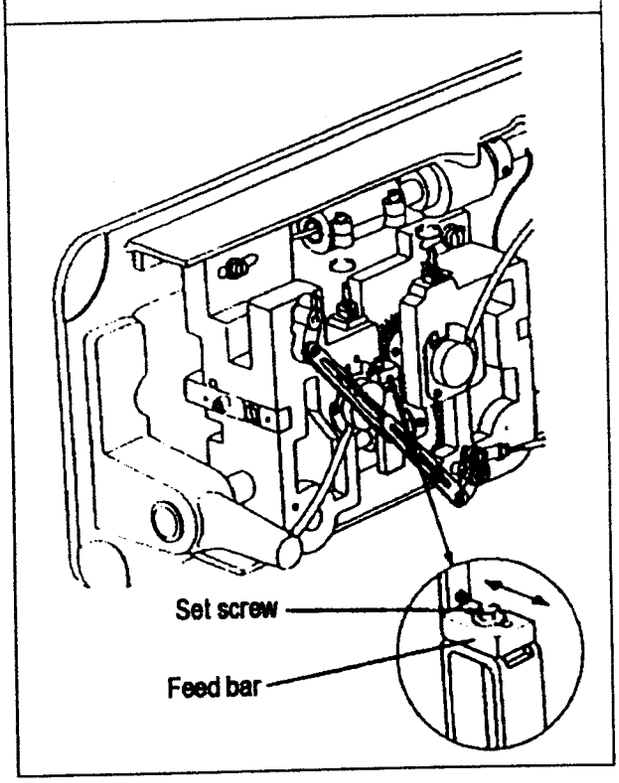
- Fabric will be damaged if the feed dog extends too high, or pressure of presser foot is too large.
- Even stitch length cannot be assured if the feed dog is too low or pressure of presser foot is too small.
- Feed dog height should be measured at the point where the needle is at the top position.

For light fabrics ..... Approx. 0.8mm from Throat plate

For usual fabrics ..... Approx. 1.0mm from Throat plate

For heavy fabrics ..... Approx. 1.2mm from Throat plate





Adjustment procedure

(1) Lean the machine head backward.

(2) Turn the hand wheel by hand and stop when the feed dog rises to the maximum height.

(3) Loosen the feed bar set screw.

(4) Vertically move the feed bar (in the direction indicated by arrow in the figure) to adjust it to adequate height.

(5) After the adjustment, tighten the feed bar set screw.

The feed dog height is factory-adjusted to 1.2mm

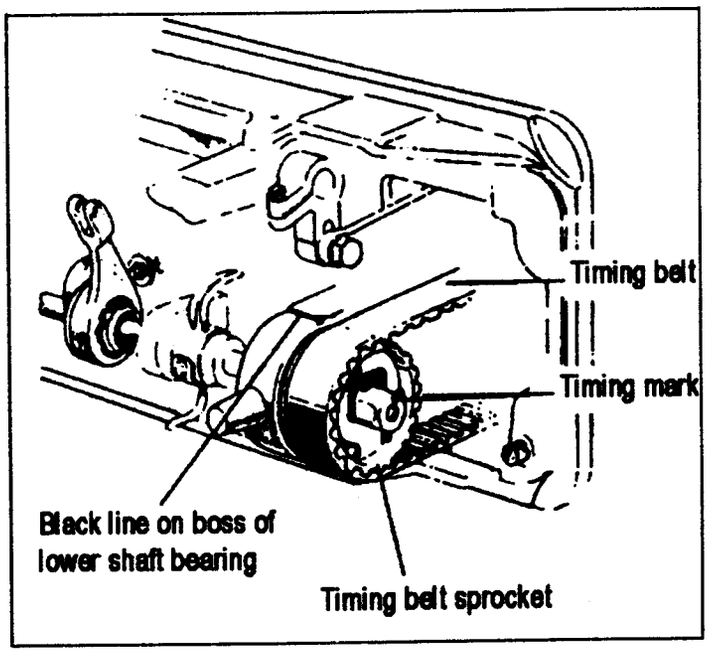
14.Relationship between rotating hook motion and take-up lever motion

when the timing belt (toothed belt) was removed for its replacement, for example, the relationship between rotating hook motion and take-up lever motion should be adjusted as follows:

(1) Turn the balance wheel and stop when the take-up lever is lifted to its upper dead point.

(2) Lean the machine head backward and make sure the arrow (timing mark) put on the timing belt is in line with the black line on the boss of lower shaft bearing.

(3) If the timing mark is not in line with the black line ,remove the timing belt and install it again to adjust

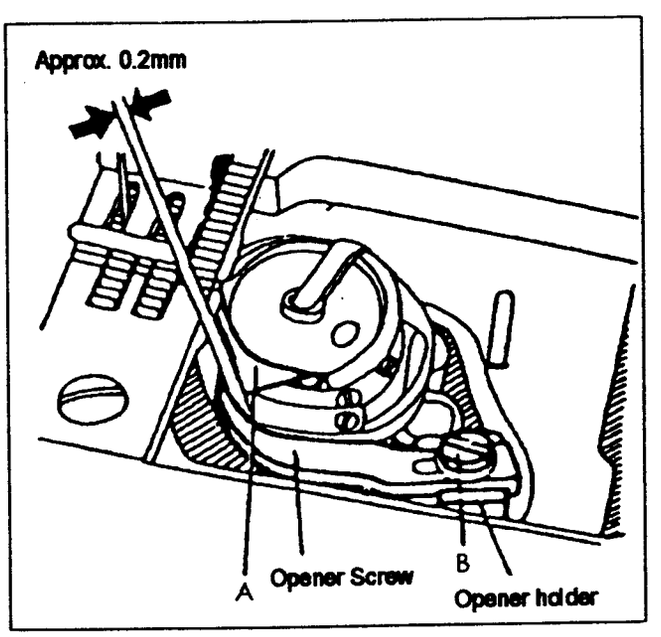


15.Relationship between hook motion and opener motion

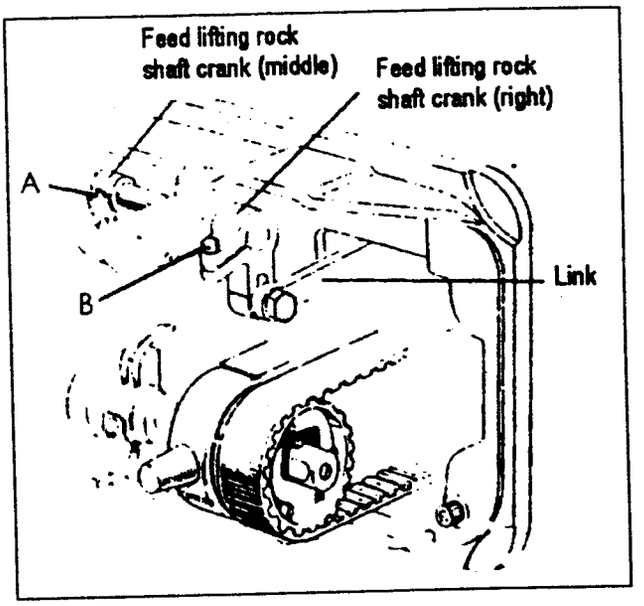
(1) Turn the balance wheel by hand and stop when the opener holder is located most remotely from the throat plate.

(2) Make sure gap between the bobbin case holder A and the opener is approximately 0.2mm.

(3) If the gap is too large or small , loosen the opener holder set screw B and adjust position of the opener.



16. Relationship between needle motion and feed dog motion



(1) Set feed length to "0" on the feed setting dial

(2) Lean the machine head backward.

(3) Loosen the feed lifting rock shaft crank set Screws **A** and **B**

(4) Set the needle at the lowest position.

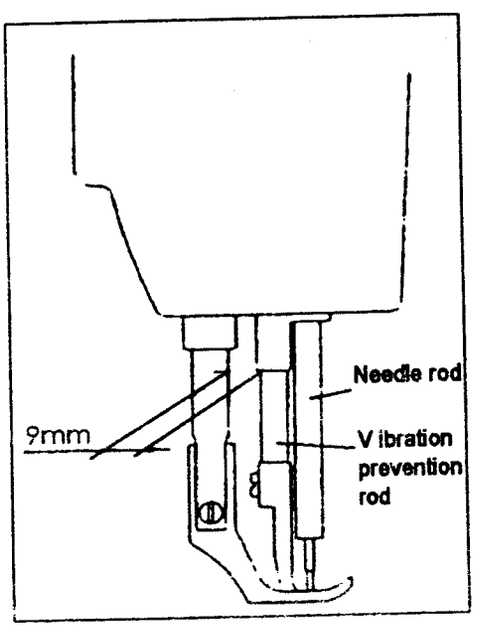
(5) Adjust the distance between presser rod and Vibration prevention rod to 9mm and temporarily tighten the feed lifting rock shaft crank set screws **A** and **B**

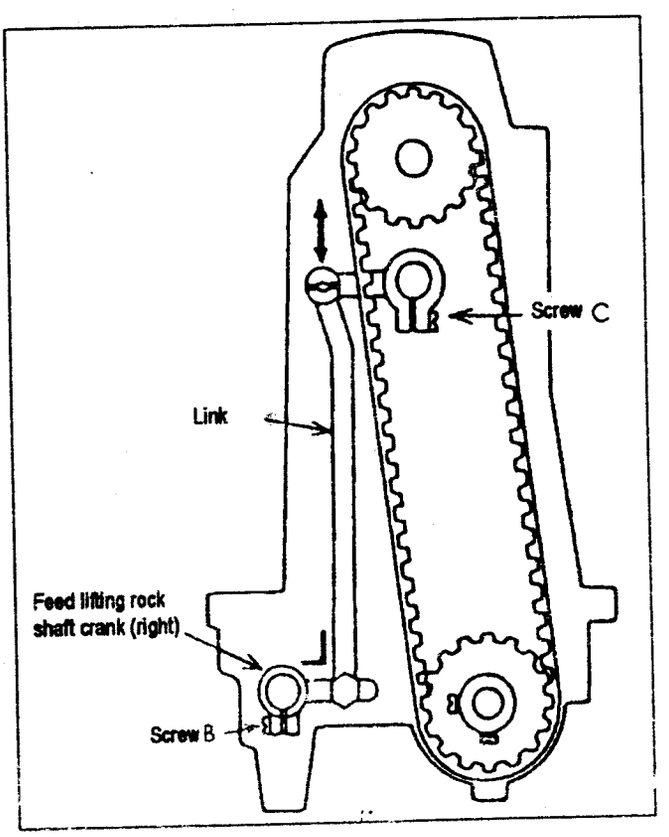
(6) Check that the right feed lifting rock shaft crank is connected with the link at right angle, as shown in Figure.

(7) If the connection is not at right angle, remove the back cover, loosen screw **C** and move the right link to connect the right feed lifting rock shaft with the link at right angle.

(8) After the completion of adjustment, fully tighten The screws **A**, **B** and **C**.

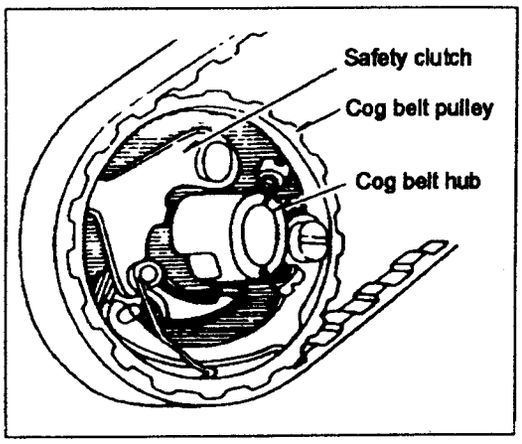
At this time make certain that needle can enter the feed dog needle hole at the center of the hole.





17. SAFETY CLUTCH DEVICE:

Safety clutch device is installed to prevent the hook and cog belt from damage in case the thread is caught into the hook when the machine is loaded abnormally during operation.

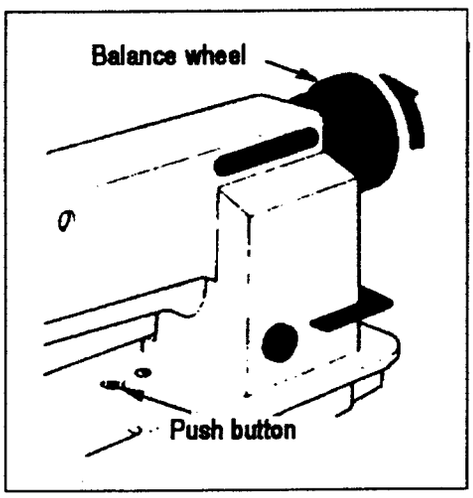


(1) FUNCTION OF SAFETY CLUTCH.

A. When the safety clutch acts, the cog belt pulley will be unloaded. Then the rotation of hook shaft will stop. The arm shaft only will rotate. Stop the operation of machine.

B. Clean the thread thoroughly which is caught into the hook.

C. Turn the cog belt hub by hand, and check Whether the hook shaft rotates lightly and Properly, place the clutch deice as follows.



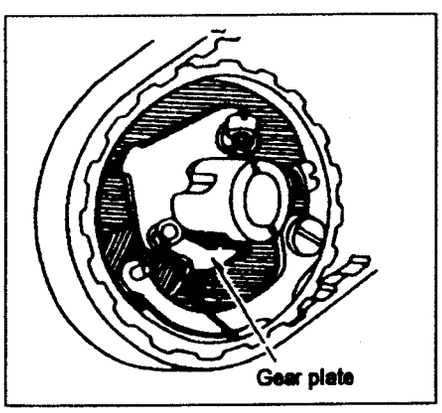
(2) HOW TO SET THE SAFETY CLUTCH.

A. While pressing down the push button on the opposite side of bed by left hand, turn the balance wheel slowly by right hand away from you as shown in the figure.

B. The balance wheel will stop by the gear plate, but turn the balance wheel more firmly.

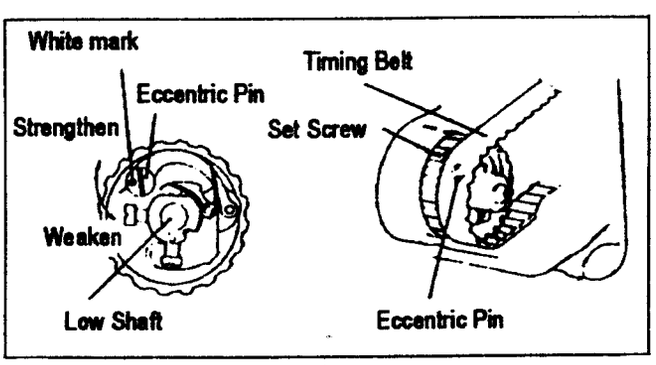
C. Release the push button.

D. As shown in the Figure, the safety clutch device is set.



(3) FORCE APPLIED TO THE SEFETY CLUTCH.

A. The force applied to the safety clutch is the smallest when the white mark of the eccentric pin faces the center of the lower shaft. The force proportionally increases as the white mark faces the outside.

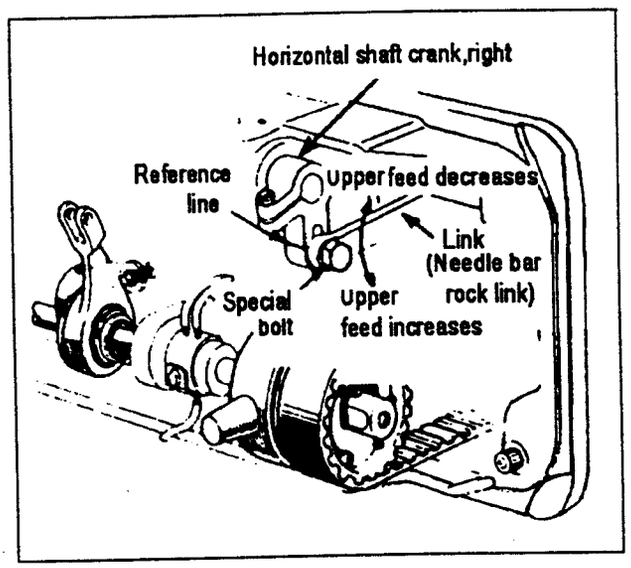


B. To adjust the force slide the timing belt, Loosen the set screw, and turn the eccentric pin.

C. After the adjustment, make sure to fasten the set screw.

18.UPPER FEED ADJUSTMENT (NEEDLE SIDE)

If the uneven feeding occurs according to to the fabric, adjust the long hole of the horizontal feed shaft crank (right) to adjust the upper feed length.



(How to adjust)

(1) Loosen the special bolt.

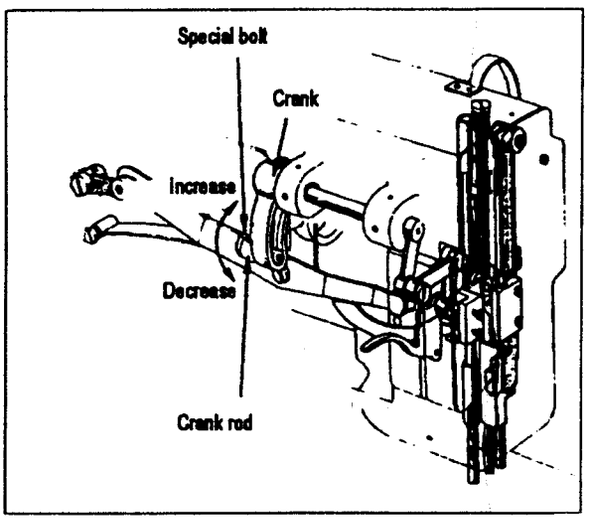
(2) Move the special bolt upward to decrease upper feed.

(3) Move the special bolt downward to increase the upper feed. The upper feed and the lower feed theoretically becomes equal at the reference line on the horizontal feed shaft crank.

(4) Securely tighten the special bolt after adjustment.

19. Outside presser foot and inside presser vertical stroke adjustment

When fabric with large elasticity is sewn, Or When thickness of fabric changes, the vertical Stroke (movable range) of the press feet should be adjusted as follows:



Adjustment

(1) Loosen the special bolt.

(2) The vertical strokes of the presser feet become maximum when the crank rod is moved upward and set.

(3) The vertical strokes becomes minimum when the nut is moved downward and set.

(4) After the adjustment, fully tighten the special bolt.

The vertical strokes of the presser feet can be adjusted within a range from 6mm to 2mm.

20. Adjustment

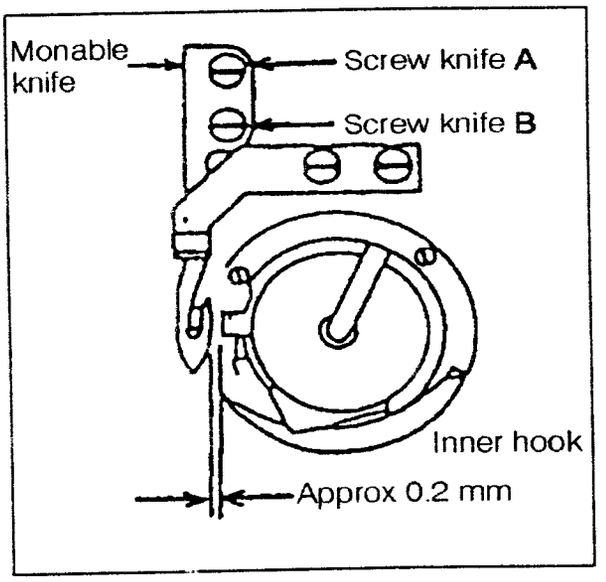
Screwing the pin that connects the link of back-sewing with the crank of back-sewing (down) can adjust the tolerance of between the stitches. Screwing the pin in clockwise can increase the stitch of forward sewing; otherwise, the stitch of back-sewing will be increased.

(2) Gap between movable knife and bobbin case holder stopper

a. Turn the balance wheel by hand until needle reaches the lowest position.

b. With the needle at the lowest position, depress cam follower crank, turn the balance wheel until the movable knife reaches the extremity of its stroke.

c. Manually rotate the inner hook in the direction indicated by arrow in Figure and adjust gap between the movable knife and the inner hook stopper to about 0.5 mm (the screws A and B should be loosened for this adjustment).



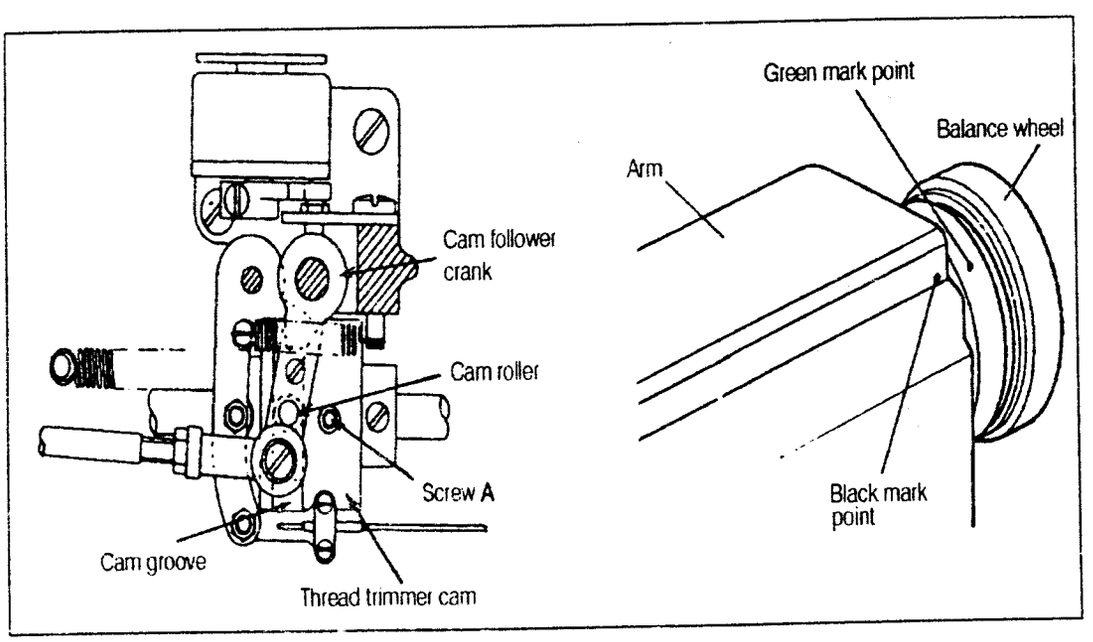
22. Adjustment of thread trimmer cam

(1) Turn the balance wheel by hand until the needles reach the lowest position.

(2) Maintaining the needle position, depress the cam follower crank and put the cam roller into the groove of thread trimmer cam.

(3) Turning the balance wheel by hand, adjust the thread trimmer cam so that the movable knife starts moving when the green mark point on the balance wheel comes in line with the black mark point on the arm.

To adjust, loosen two thread trimmer cam clamp screws A.



23. Adjustment of needle threads tension release assembly

(1) Turn the balance wheel by hand until the needles reach the lowest position.

(2) Maintaining the needle position, depress the cam follower crank and put the cam roller into the groove of thread trimmer cam.

(3) Turning the balance wheel by hand, adjust the thread tension release cam so that the tension disc close when the white mark point on the balance wheel comes in line with the black mark point on the arm.

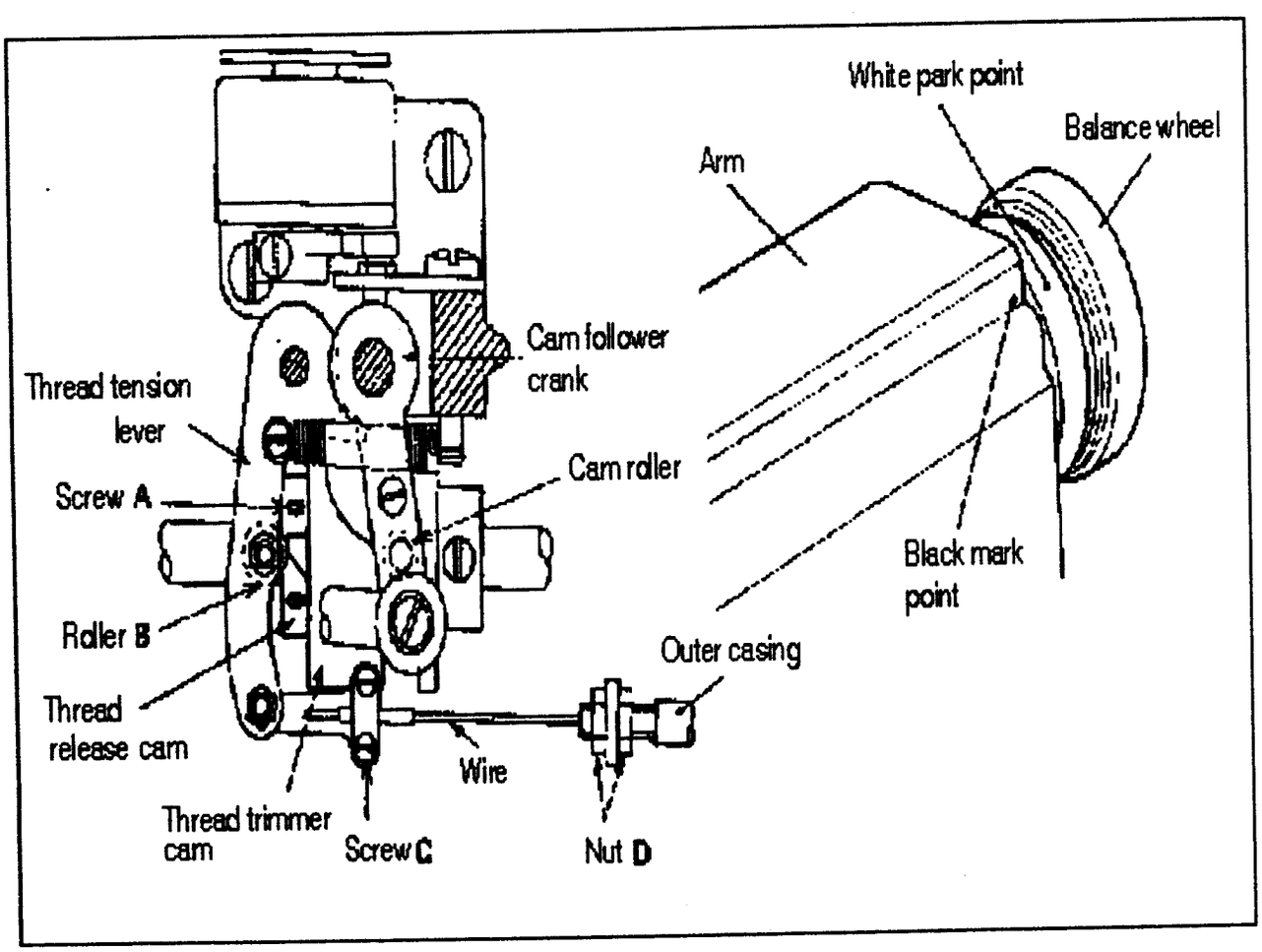
To adjust, loosen two tension release cam clamp screws **A**.

(4) Opening degree of tension disc should be adjusted with the tension release roller **B** mounted on the convexed portion of thread release cam, as shown in Fig.

To adjust, loosen the screws **C** and draw the wire.

(5) Make fine adjustment by loosening the nut **D**.

(6) Loosen the nut **D** and make the outer casing approach rightward to increase the opening value.



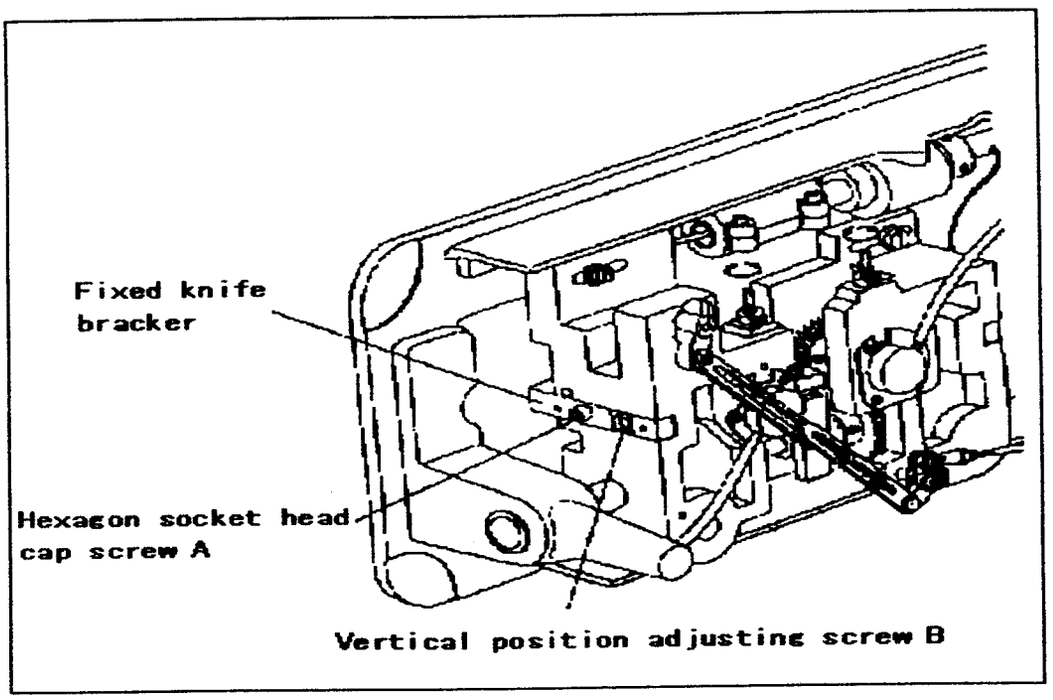
24. Adjustment of scissoring pressure of movable knife and fixed knife

(1) Loosen the fixed knife bracket clamp bolt A.

(2) Turn the vertical position adjusting screw B to adjust meshing pressure and then righter the hexagon socket head cap screw A.

Note: Since excess pressure causes large torque to the thread trimming mechanism and trimming failure, adjust it so that thread can be trimmed with minimum pressure.

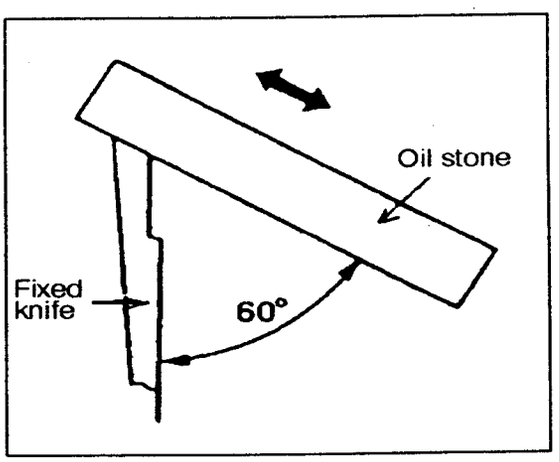
(3) Move the movable knife and check that the thread can be sharply trimmed.



25. Sharpening of fixed knife

When the knives dull, the fixed should be sharpened as illustrated in Fig.

Since it is very difficult to sharpen the movable knife, replace it with a new one when it dulls.



26. Adjustment for change of needle-to-needle distance

(1) Replace the throat plate, feed dog and needle clamp.
(Since the throat plate and feed dog are special parts designed for thread trimming machine, be sure to use those specified by us.)

(2) Lean the machine head backward.

(3) Loosen two connecting link clamp bolts **J**.

(4) Remove the spring **M**.

(5) Loosen the hook bracket clamp screws **A** and **B** and adjust gap between each needle and hook.

(6) When the needles and hooks have been adjusted, install the spring **M**.

(7) Contact the rocking cranks **C** and **D** to the stopper pins **E** and **F** and tighten the connecting link clamp bolt **J**.

(8) Turn the balance wheel by band until the needles reach the lowest position.

(9) Loosen the nuts **G** and **H**.

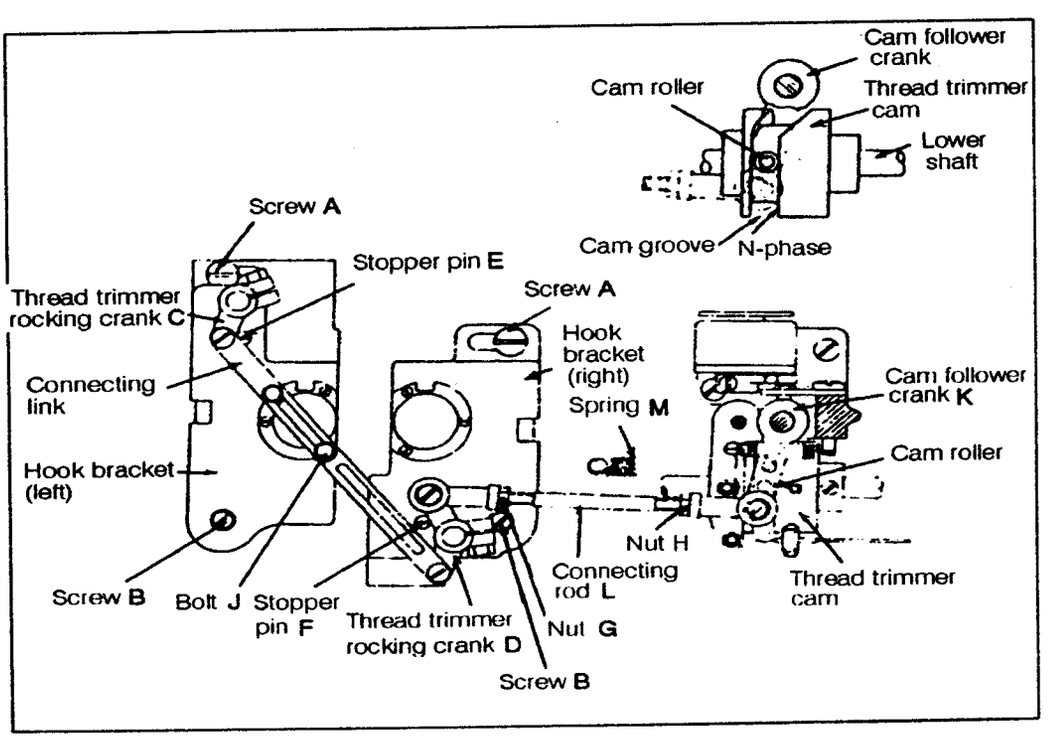
(10) Depress the cam follower crank **K** and adjust the connecting rod **L** so that the cam roller can smoothly enter the groove of thread trimmer cam.

(11) Adjustment of the cam groove and the cam roller

a. Push the cam follower crank **K** so that the cam roller enters into the cam groove.

b. Turn the connecting rod **L** and adjust the clearance between the cam roller and the cam groove surface **L** as small as possible, and tighten the nuts **G** and **H**.

c. Push the cam follower crank **K** again and check that the cam roller enters into the thread trimmer cam groove smoothly.



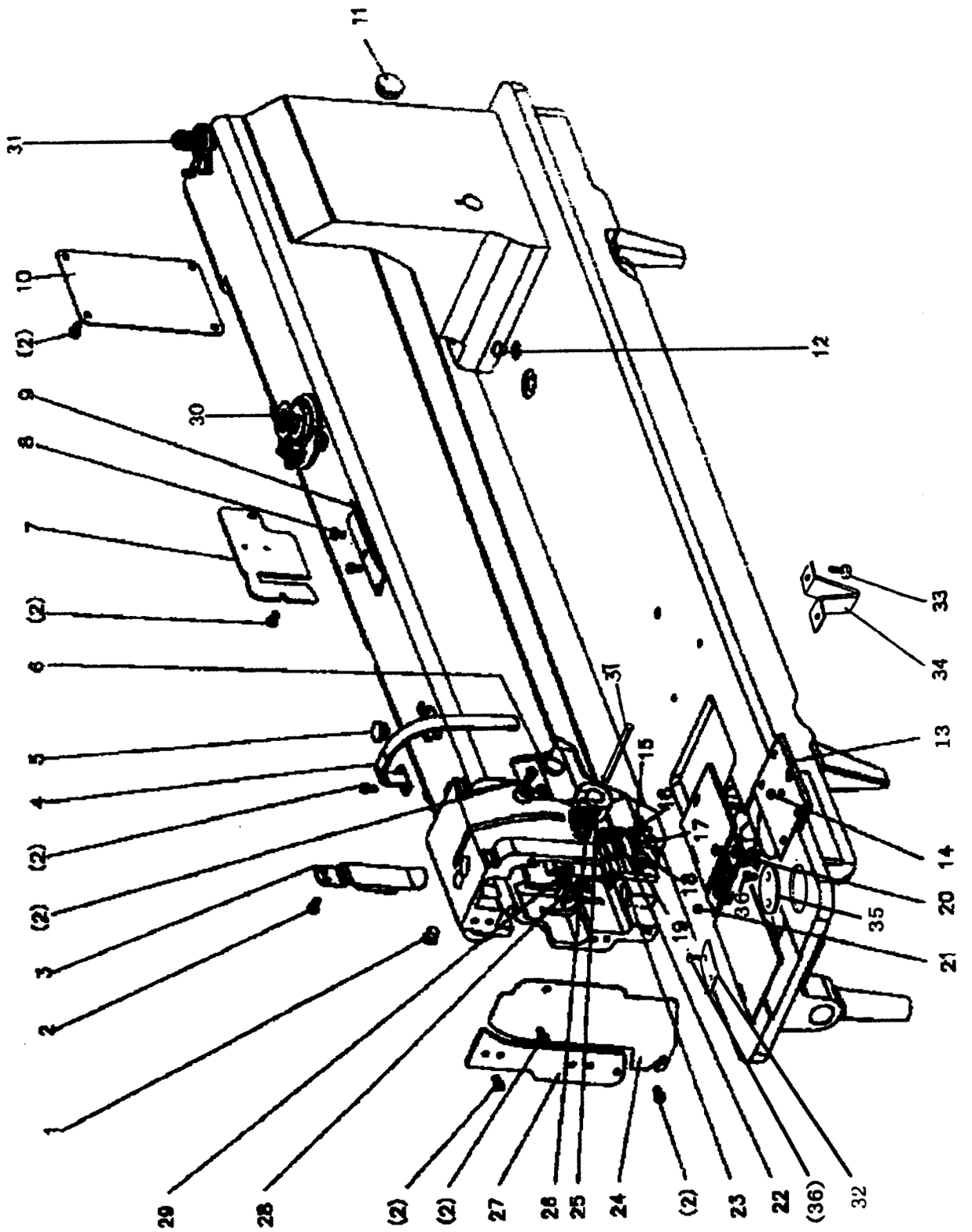
Specitication

Specitication \ Model		WF925-60AUT	WF926-60AUT
Number of needle		Single-needle	Double-needle
Application		Heavy material	
Max. sewing speed		1800rpm	
Stitch length		0-9mm	
Thread take-up lever stroke		74.5mm	
Needle-bar stroke		36mm	
Presser-foot stroke		15 by Leg	8 by hand
Vertical stroke of upper feed		2--6mm	
Needle No.		DP X 17 (#23 standard)	
Hook(horizontal full-rotating)		Large	
Thread take-up lever		Slide lever	
Automatic Thread trimmer		O	O
Touch back		O	O
Stitch adjusting system		Dial	
Lubrication system		Manual	
Motor		Clutch motor	
Needle gauge	Standard	6.4mm	
	Special	3.2 4 4.8 8 9.5 12.7 16 19 25.4mm	

Note:

- Some materials,gauge sizes, and/or sewing conditions may require specifications other than those listed above.
- Feed dog,throat plate,rotating hook,bobbin case and bobbin should be those designed for thread timmer.
- Bobbin should be of high quality free from deformation.
- This specification is subject to change for machine improvement.

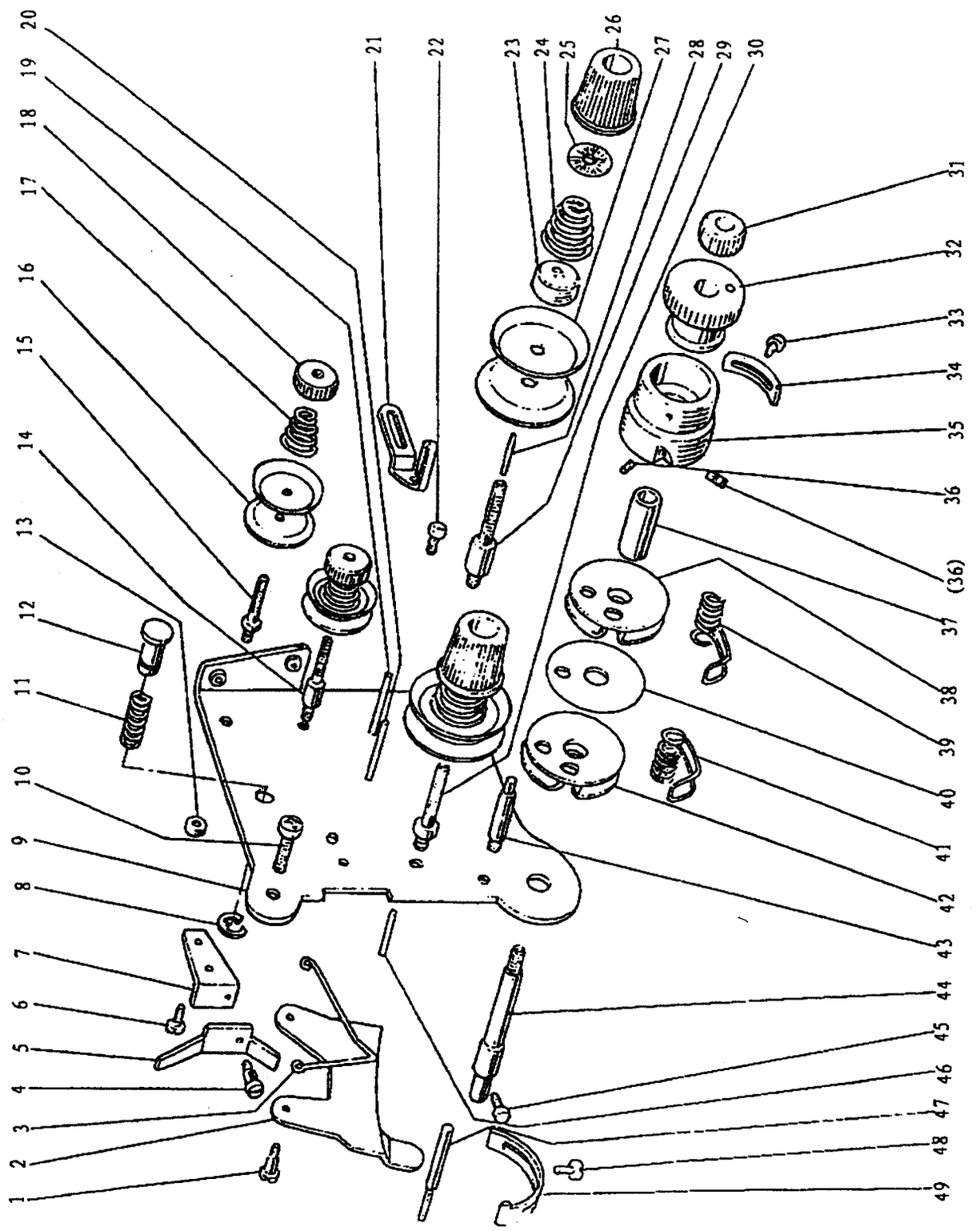
A: BODY AND IT'S ACCESSORIES



A:BODY AND IT'S ACCESSORIES

No.	Ref. No.	Description	WF925-60AUT	WF926-60AUT
1	H98A001	Rubber plug	2	2
2	H98A002	Screw	15	15
3	H98A003	Oil guard plate	1	1
4	H98A004	Thread take-up cover	1	1
5	H98A005	Rubber plug	1	1
6	H98A006	Side cover (left)	1	1
7	H98A007	Rubber plug	1	1
8	H98A008	Side cover (right)	1	1
9	H98A009	Screw	2	2
10	H98A010	Thread guide	1	1
11	H98A011	Rubber plug	1	1
12	H98A012	Cap	2	2
13	H98A013	Slide plate complete		1
14	H98A014	Screw		1
15	H98A015	Screw	1	1
16	H98A016	Spring	1	1
17	H98A017	Plate	1	1
18	H98A018	Thread guide	1	1
19	H98A019	Screw	1	1
20	H98A020	Screw	2	1
21	H98A021	Screw		1
22	H98A022	Screw	1	1
23	H98A023	Thread guide (middle)	1	1
24	H98A024	Face plate	1	1
25	H98A025	Screw	2	2
26	H98A026	Thread guide (upper)	1	1
27	H98A027	Guide mounting plate	1	1
28	H98A028	Plate for oil guard	1	1
29	H98A029	Oil guard	1	1
30	H98A030	Bobbin parts	1	1
31	H98A031	Down-lead parts	1	1
32	H98A032	Cover	1	1
33	H98A033	Screw	2	2
34	H98A034	Supporter	1	1
35	H98A035	Cover		1
36	H98A036	Screw	2	4
37	H98A037	Tension releasing pin	1	1

B: THREAD TENSION REGULATOR MECHANISM



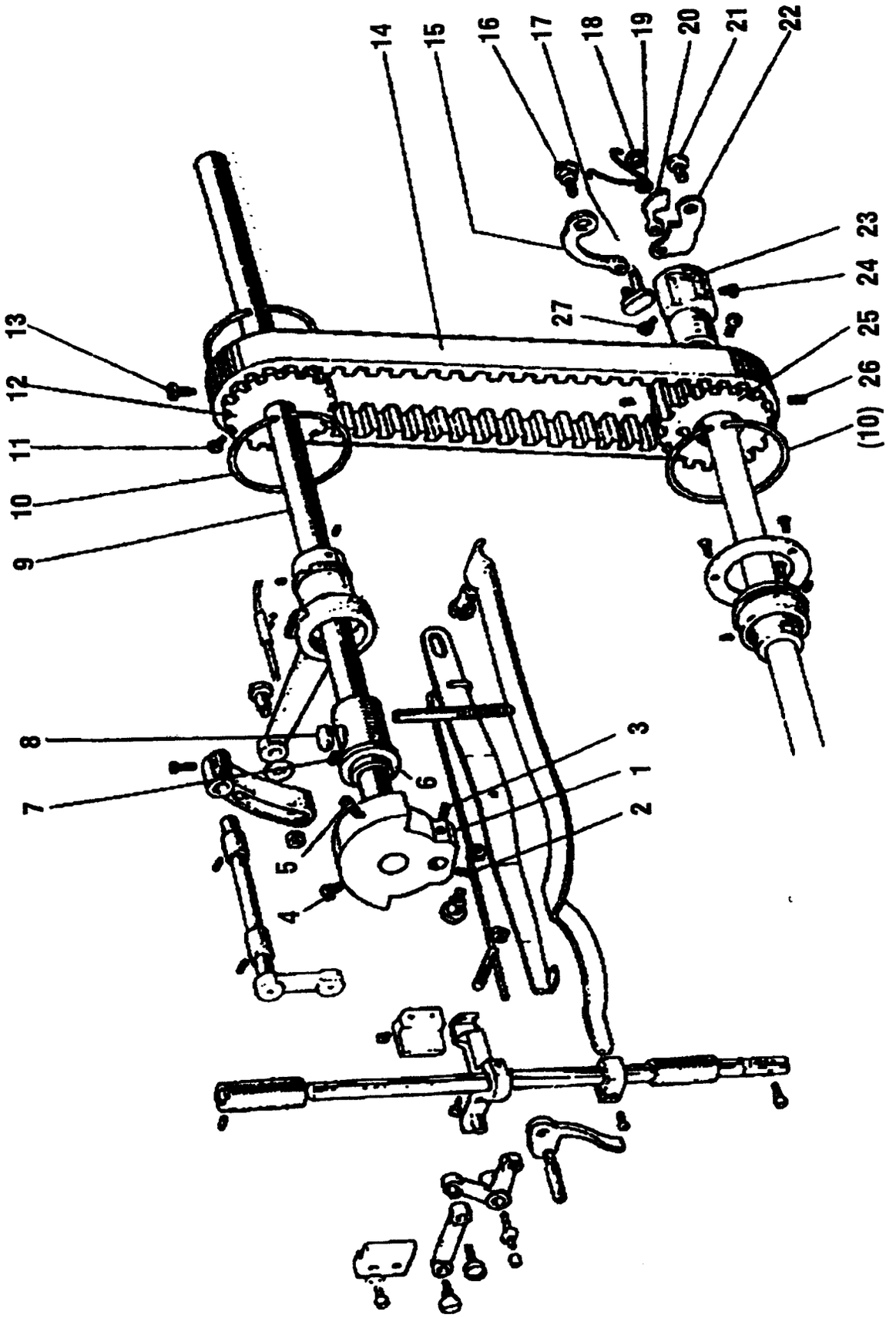
B:THREAD TENSION REGULATOR MECHANISM

No.	Ref. No.	Description	WF925-60AUT	WF926-60AUT
1	H98B001	Screw	2	2
2	H98B002	Tension releasing plate	1	1
3	H98B003	Tension releasing spring	1	1
4	H98B004	Screw	1	1
5	H98B005	Lever	1	1
6	H98B006	Screw	1	1
7	H98B007	Mounting plate	1	1
8	H98B008	Stop ring	1	1
9	H98B009	Mounting plate	1	1
10	H98B010	Screw	2	2
11	H98B011	Spring	1	1
12	H98B012	Push button	1	1
13	H98B013	Nut	2	2
14	H98B014	Thread tension stud	1	1
15	H98B015	Thread tension stud		1
16	H98B016	Thread tension disk	2	4
17	H98B017	Thread tension spring	1	2
18	H98B018	Thumb nut	1	2
19	H98B019	Pin		1
20	H98B020	Pin	1	1
21	H98B021	Thread guide	1	1
22	H98B022	Screw	1	1
23	H98B023	Thread tension releasing plate	1	2
24	H98B024	Thread tension spring	1	2
25	H98B025	Thumb nut revolution stopper	1	2
26	H98B026	Thumb nut complete	1	2
27	H98B027	Thread tension disk	2	4
28	H98B028	Pin	1	1
29	H98B029	Thread tension stud	1	1
30	H98B030	Thread tension stud		1
31	H98B031	Thumb nut	1	1
32	H98B032	Take-up spring guide	1	1
33	H98B033	Screw	1	1
34	H98B034	Stopper	1	1
35	H98B035	Thread tension post	1	1
36	H98B036	Screw	2	2
37	H98B037	Bushing	1	1

B:THREAD TENSION REGULATOR MECHANISM

No.	Ref. No.	Description	WF925-60AUT	WF926-60AUT
38	H98B038	Plate complete	1	1
39	H98B039	Thread take-up spring	1	1
40	H98B040	Plate	1	1
41	H98B041	Thread take-up spring		1
42	H98B042	Plate complete	1	1
43	H98B043	Screw	1	1
44	H98B044	Thread tension stud	1	1
45	H98B045	Screw	1	1
46	H98B046	Pin	1	1
47	H98B047	Tension releasing pin	1	1
48	H98B048	Screw	1	1
49	H98B049	Stopper	1	1

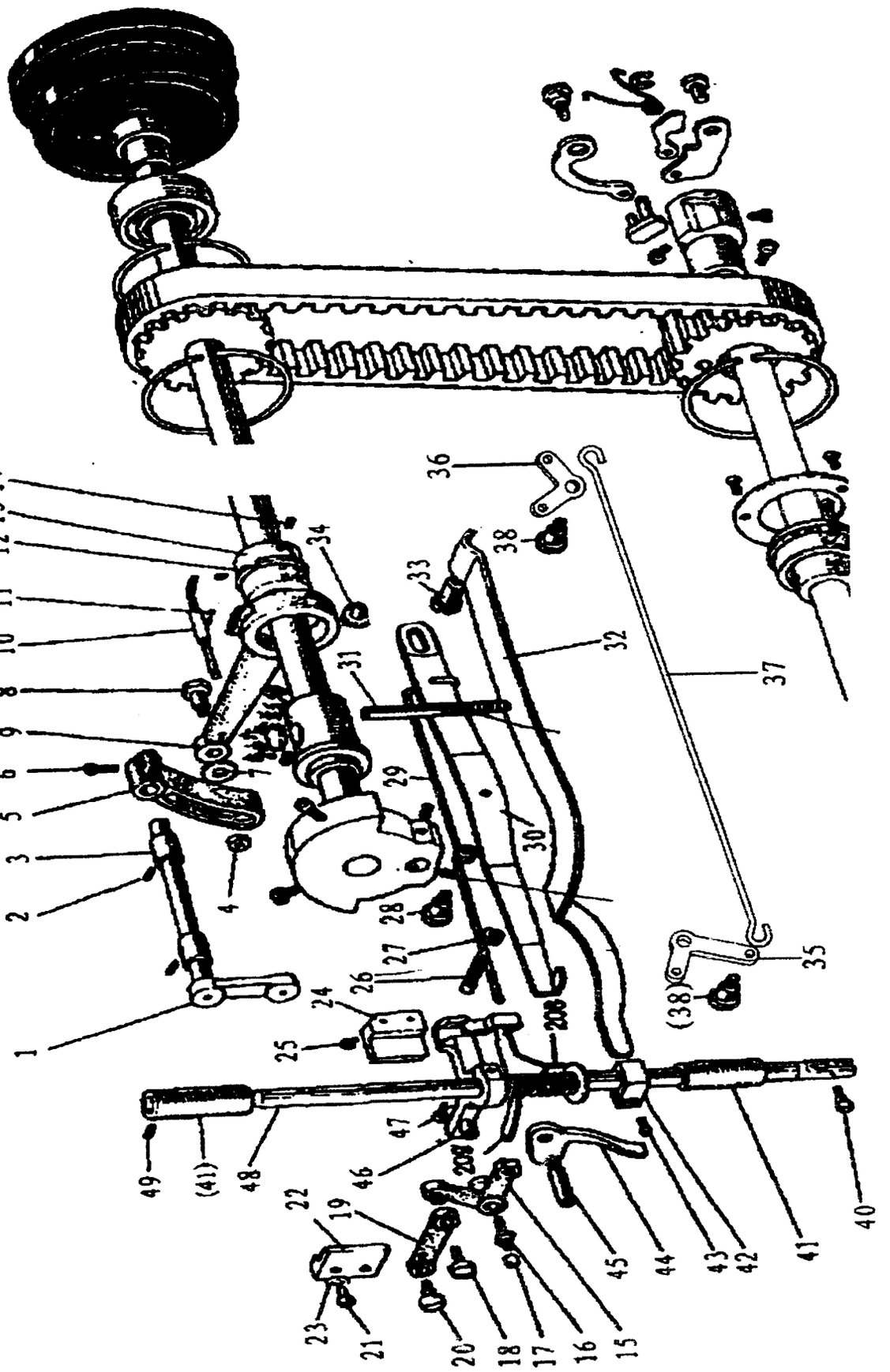
C: UPPER SHAFT MECHANISM



C:UPPER SHAFT MECHANISM

No.	Ref. No.	Description	WF925-60AUT	WF926-60AUT
1	H98C001	Needle bar crank complete	1	1
2	H98C002	Screw	1	1
3	H98C003	Screw	1	1
4	H98C004	Screw	1	1
5	H98C005	Screw	1	1
6	H98C006	Arm shaft bushing (left)	1	1
7	H98C007	Screw	1	1
8	H98C008	Felt	1	1
9	H98C009	Arm shaft	1	1
10	H98C010	Spring flange	3	3
11	H98C011	Screw	1	1
12	H98C012	Belt pulley (upper)	1	1
13	H98C013	Screw	1	1
14	H98C014	Cog belt	1	1
15	H98C015	Spring plate	1	1
16	H98C016	Pin	1	1
17	H98C017	Link	1	1
18	H98C018	E-type stop ring	1	1
19	H98C019	Twist spring	1	1
20	H98C020	Plate	1	1
21	H98C021	Pin	1	1
22	H98C022	Plate	1	1
23	H98C023	Bushing	1	1
24	H98C024	Screw	1	1
25	H98C025	Belt pulley (lower)	1	1
26	H98C026	Screw	2	2
27	H98C027	Screw	1	1

D: PRESSER FOOT MECHANISM



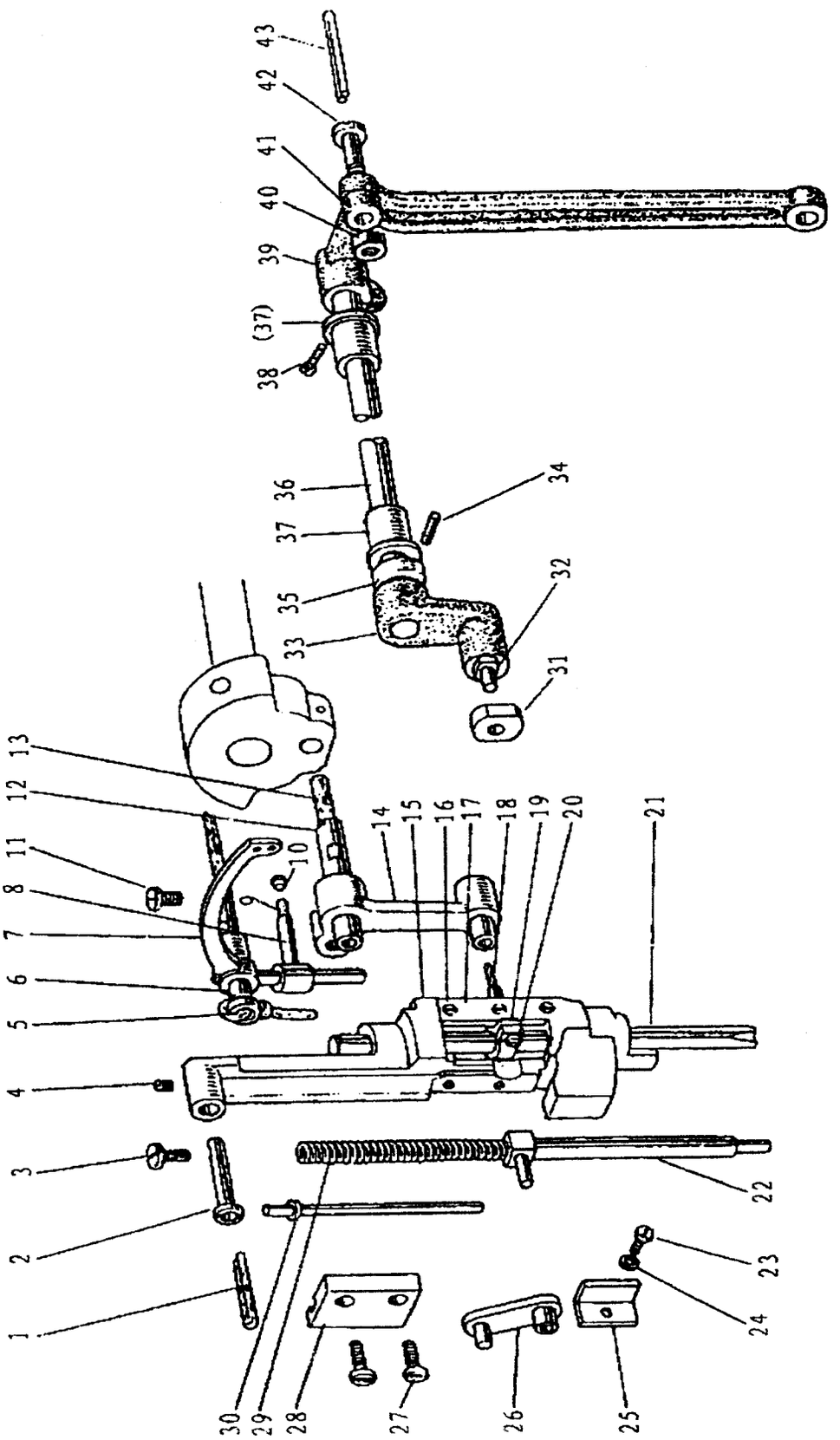
D:PRESSER FOOT MECHANISM

No.	Ref. No.	Description	WF925-60AUT	WF926-60AUT
1	H98D001	Feed lifting rock shaft	1	1
2	H98D002	Screw	2	2
3	H98D003	Bushing	2	2
4	H98D004	Nut	1	1
5	H98D005	Lever	1	1
6	H98D006	Screw	1	1
7	H98D007	Washer	1	1
8	H98D008	Bolt	1	1
9	H98D009	Connecting rod	1	1
10	H98D010	Oil pipe & wick complete	1	1
11	H98D011	Spring	1	1
12	H98D012	C-type stop ring	1	1
13	H98D013	Eccentric	1	1
14	H98D014	Screw	2	2
15	H98D015	Bell crank	1	1
16	H98D016	Support shaft	1	1
17	H98D017	Roller	1	1
18	H98D018	Screw	1	1
19	H98D019	Link	1	1
20	H98D020	Screw	1	1
21	H98D021	Screw	2	2
22	H98D022	Bell crank guide	1	1
23	H98D023	Washer	2	2
24	H98D024	Guide	1	1
25	H98D025	Screw	2	2
26	H98D026	Screw	1	1
27	H98D027	Nut	1	1
28	H98D028	Screw	1	1
29	H98D029	Twist spring	1	1
30	H98D030	Knee lifting lever	1	1
31	H98D031	Screw	1	1
32	H98D032	Lever spring	1	1
33	H98D033	Screw	1	1
34	H98D034	Screw	1	1
35	H98D035	Lifting lever A	1	1
36	H98D036	Lifting lever B	1	1
37	H98D037	Long lever	1	1

D:PRESSER FOOT MECHANISM

No.	Ref. No.	Description	WF925-60AUT	WF926-60AUT
38	H98D038	Screw	2	2
40	H98D040	Screw	1	1
41	H98D041	Bushing	2	2
42	H98D042	Spring bracket	1	1
43	H98D043	Screw	1	1
44	H98D044	Lifter lever	1	1
45	H98D045	Screwed pin	1	1
46	H98D046	Bracket	1	1
47	H98D047	Screw	1	1
48	H98D048	Presser bar	1	1
49	H98D049	Screw	2	2

E: NEEDLE BAR&THREAD TAKE-UP LEVER MECHANISM



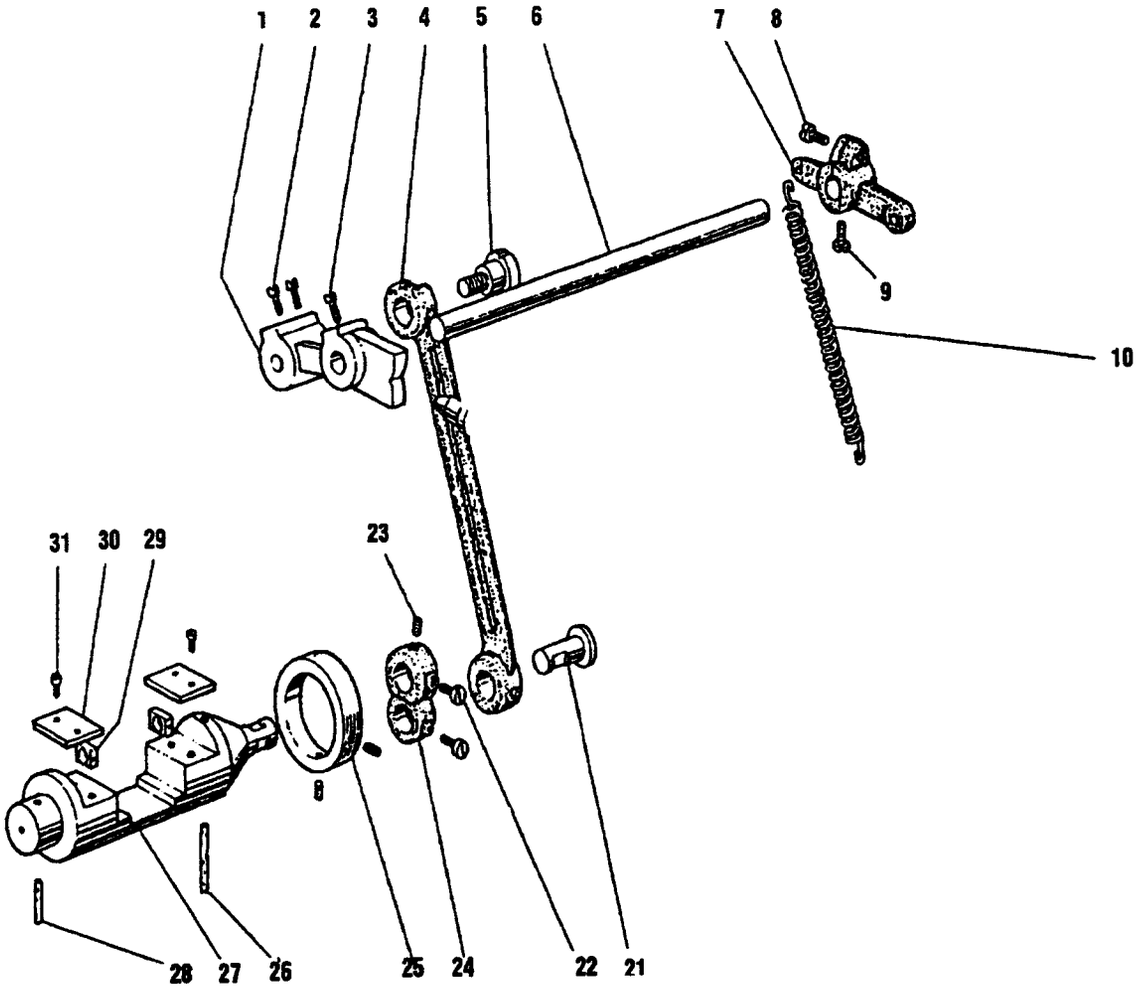
E:NEEDLE BAR&THREAD TAKE-UP LEVER MECHANISM

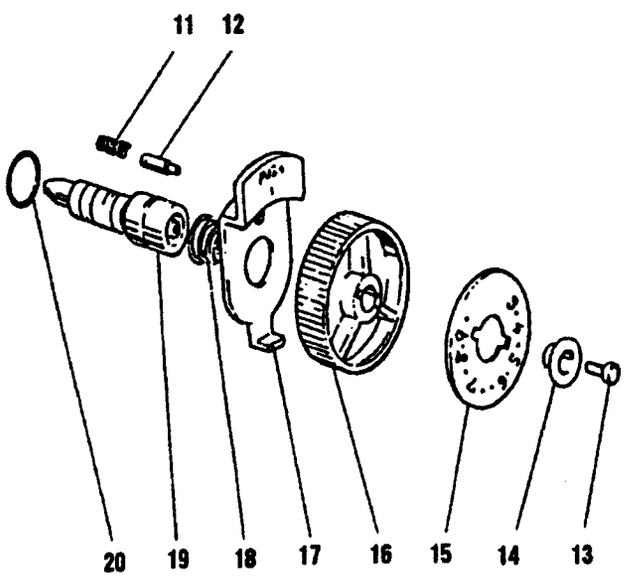
No.	Ref. No.	Description	WF925-60AUT	WF926-60AUT
1	H98E001	Oil wick	1	1
2	H98E002	Needle bar guide bracket stud	1	1
3	H98E003	Screw	1	1
4	H98E004	Screw	1	1
5	H98E005	Oil wick	1	1
6	H98E006	Thread take-up lever support s	1	1
7	H98E007	Thread take-up lever	1	1
8	H98E008	Thread take-up slide brock	1	1
9	H98E009	Oil wick	1	1
10	H98E010	Plug	1	1
11	H98E011	Screw	1	1
12	H98E012	Needle bar crank pin	1	1
13	H98E013	Oil wick	1	1
14	H98E014	Connecting link	1	1
15	H98E015	Needle bar guide bracket	1	1
16	H98E016	Screw	6	6
17	H98E017	Spacer	2	2
18	H98E018	Felt	1	1
19	H98E019	Needle bar holder	1	1
20	H98E020	Screw	1	1
21	H98E021	Needle bar		1
21	H98E022	Needle bar	1	
22	H98E023	Vibrating presser bar	1	1
23	H98E024	Screw	1	1
24	H98E025	Washer	1	1
25	H98E026	Needle bar guide	1	1
26	H98E027	Vibrating presser bar link	1	1
27	H98E028	Screw	2	2
28	H98E029	Vibrating presser bar guide	1	1
29	H98E030	Spring	1	1
30	H98E031	Vibrating presser spring guide	1	1
31	H98E032	Square block	1	1
32	H98E033	Crank pin	1	1
33	H98E034	Needle bar vibrating crank (le	1	1
34	H98E035	Taper	1	1
35	H98E036	Collar	1	1
36	H98E037	Needle bar vibrating shaft	1	1

E:NEEDLE BAR&THREAD TAKE-UP LEVER MECHANISM

No.	Ref. No.	Description	WF925-60AUT	WF926-60AUT
37	H98E038	Needle bar vibrating shaft bus	2	2
38	H98E039	Screw	1	1
39	H98E040	Needle bar vibrating crank (ri	1	1
40	H98E041	Nut	1	1
41	H98E042	Connecting link	1	1
42	H98E043	Screw	1	1
43	H98E044	Oil wick	1	1

F: STITCH REGULATOR MECHANISM

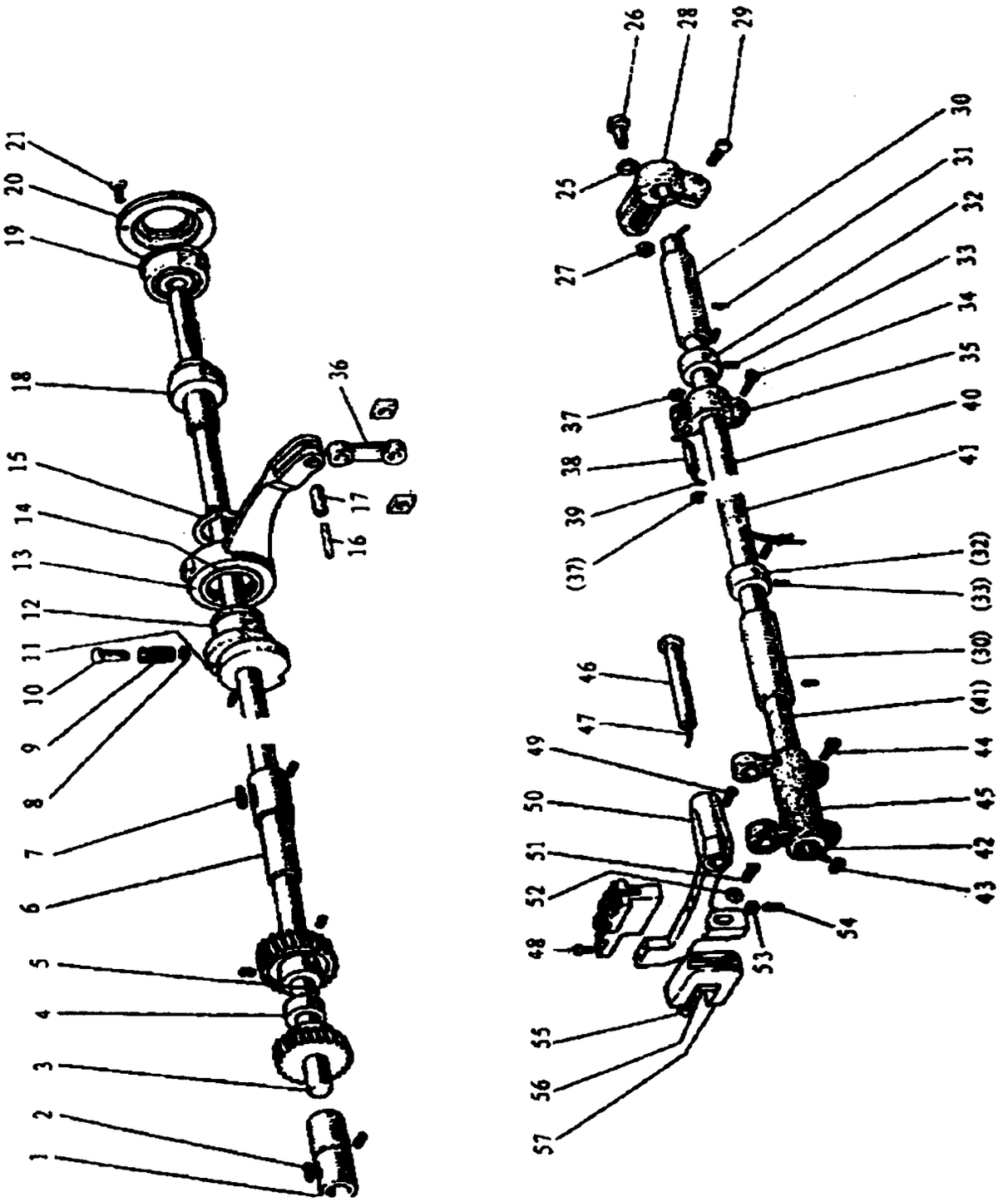




F:STITCH REGULATOR MECHANISM

No.	Ref. No.	Description	WF925-60AUT	WF926-60AUT
1	H98F001	Feed regulator cam	1	1
2	H98F002	Screw	3	3
3	H98F003	Screw	1	1
4	H98F004	Link	1	1
5	H98F005	Eccentric shaft	1	1
6	H98F006	Reverse stitch shaft (upper)	1	1
7	H98F007	Arm	1	1
8	H98F008	Screw	1	1
9	H98F009	Screw	1	1
10	H98F010	Spring	1	1
11	H98F011	Spring	1	1
12	H98F012	Pin	1	1
13	H98F013	Screw	1	1
14	H98F014	Bushing	1	1
15	H98F015	Stitch length indicating plate	1	1
16	H98F016	Dial	1	1
17	H98F017	Stopper pin releasing lever	1	1
18	H98F018	Coil spring	1	1
19	H98F019	Screw bar	1	1
20	H98F020	O-ring	1	1
21	H98F021	Pin	1	1
22	H98F022	Screw	1	1
23	H98F023	Screw	3	3
24	H98F024	Reverse sewing crank	1	1
25	H98F025	Collar	1	1
26	H98F026	Felt	1	1
27	H98F027	Rverse block	1	1
28	H98F028	Felt	1	1
29	H98F029	Square block	2	2
30	H98F030	Guide plate	2	2
31	H98F031	Screw	4	4

G: LOW SHAFT&FEED ROCKING MOTION MECHANISM



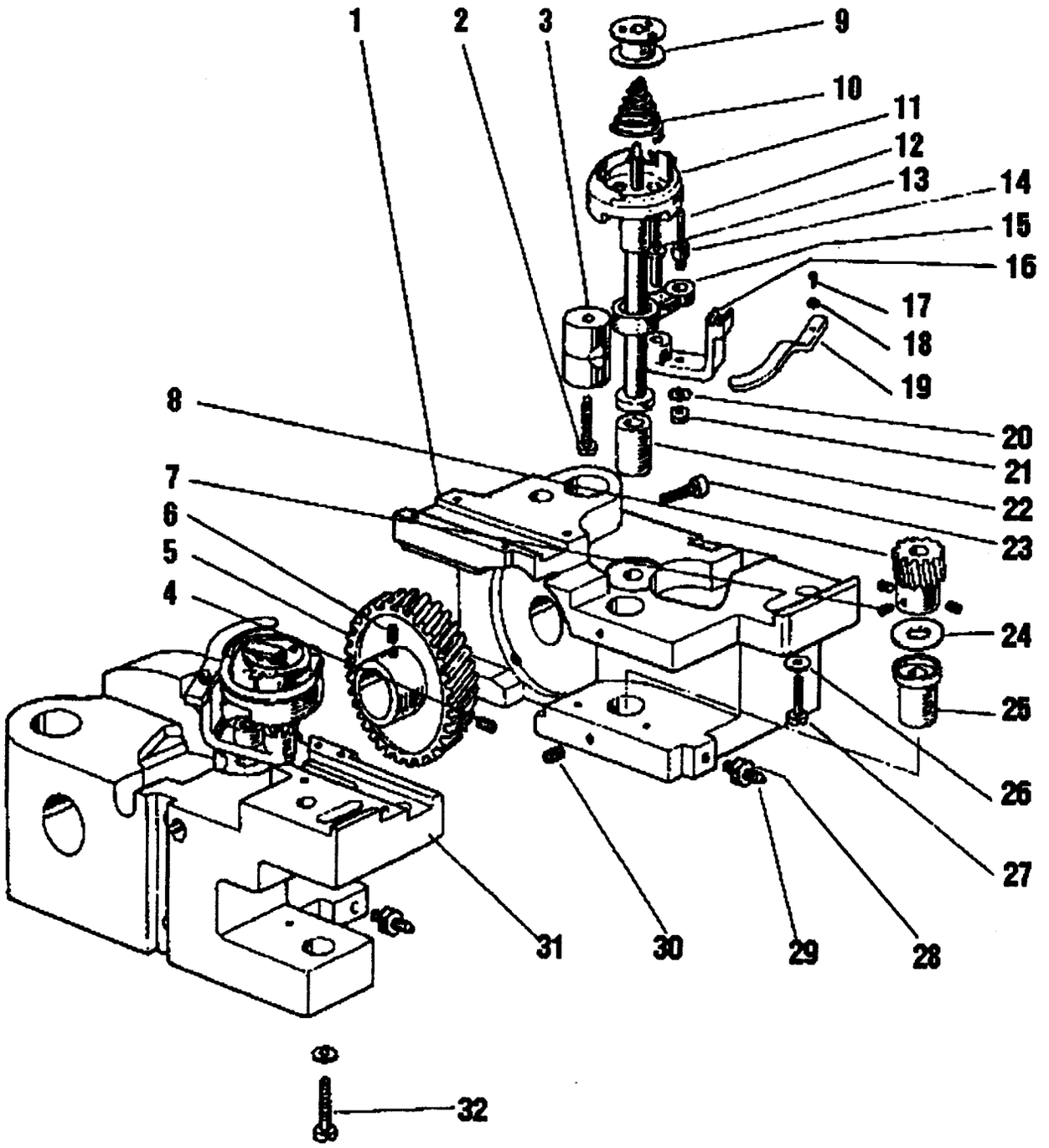
G:LOW SHAFT&FEED ROCKING MOTION MECHANISM

No.	Ref. No.	Description	WF925-60AUT	WF926-60AUT
1	H98G001	Lower shaft bushing (left)	1	1
2	H98G002	Oil wick	1	1
3	H98G003	Lower shaft	1	1
4	H98G004	Feed eccentric cam	1	1
5	H98G005	Screw	1	1
6	H98G006	Lower shaft bushing (right)	1	1
7	H98G007	Oil wick	1	1
8	H98G008	Stop ring	1	1
9	H98G009	Spring	1	1
10	H98G010	Push button	1	1
11	H98G011	Screw	2	2
12	H98G012	Feed eccentric	1	1
13	H98G013	Feed connecting rod	1	1
14	H98G014	Needle bearing	1	1
15	H98G015	C-type stop ring	1	1
16	H98G016	Oil wick	1	1
17	H98G017	Shaft	1	1
18	H98G018	Lower shaft bushing (middle)	1	1
19	H98G019	Ball bearing	1	1
20	H98G020	Bearing holder	1	1
21	H98G021	Screw	3	3
25	H98G022	Washer	1	1
26	H98G023	Screw	1	1
27	H98G024	Nut	1	1
28	H98G025	Feed connection crank (right)	1	1
29	H98G026	Screw	1	1
30	H98G027	Feed rock shaft bushing	2	2
31	H98G028	Screw	2	2
32	H98G029	Collar	2	2
33	H98G030	Screw	4	4
34	H98G031	Screw	1	1
35	H98G032	Feed connection crank (middle)	1	1
36	H98G033	Link	1	1
37	H98G034	E-type stop ring	2	2
38	H98G035	Pin	1	1
39	H98G036	Oil wick	1	1
40	H98G037	Feed rock shaft	1	1

G:LOW SHAFT&FEED ROCKING MOTION MECHANISM

No.	Ref. No.	Description	WF925-60AUT	WF926-60AUT
41	H98G038	Felt	2	2
42	H98G039	Oil wick	1	1
43	H98G040	Clip	1	1
44	H98G041	Screw	2	2
45	H98G042	Feed connection crank (left)	1	1
46	H98G043	Feed bar shaft	1	1
47	H98G044	Oil wick	1	1
48	H98G045	Bolt	2	2
49	H98G046	Bolt	1	1
50	H98G047	Feed bar		1
50	H98G048	Feed bar	1	
51	H98G049	Screw	1	1
52	H98G050	Washer	1	1
53	H98G051	Nut	1	1
54	H98G052	Screw	1	1
55	H98G053	Screw	1	1
56	H98G054	Felt	1	1
57	H98G055	Feed bar forked connection	1	1

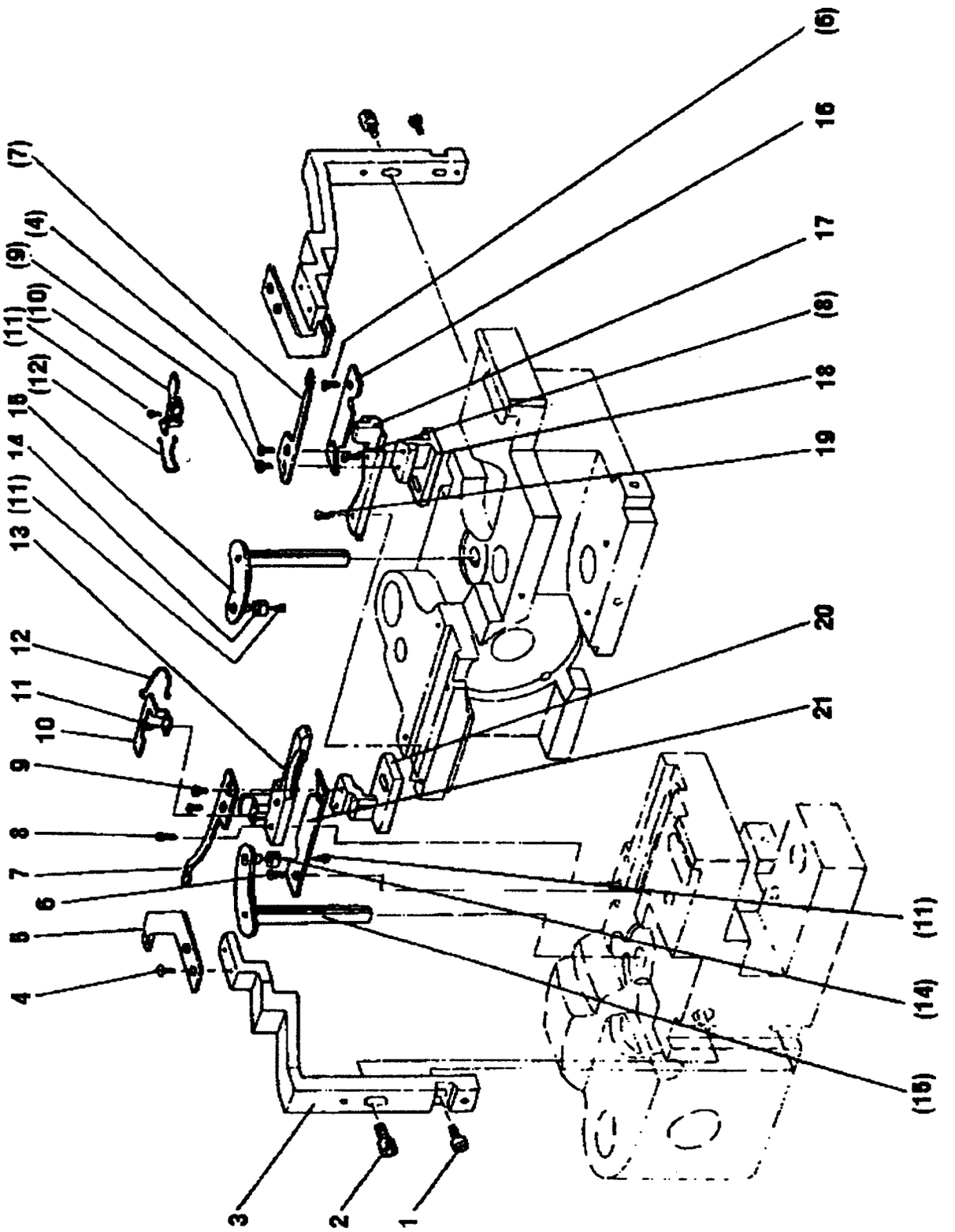
H: HOOK SADDLE MECHANISM



H:HOOK SADDLE MECHANISM

No.	Ref. No.	Description	WF925-60AUT	WF926-60AUT
1	H98H001	Hook saddle (right)	1	1
2	H98H002	Screw	1	2
3	H98H003	Bushing	1	2
4	H98H004	Screw	3	6
5	H98H005	Hook driving gear (large)	1	2
6	H98H006	Screw	1	2
7	H98H007	Screw	1	2
8	H98H008	Hook driving gear (small)	1	2
9	H98H009	Bobbin	1	2
10	H98H010	Spring	1	2
11	H98H011	Hook complete	1	2
12	H98H012	Oil wick	2	4
13	H98H013	Opener bracket shaft	1	2
14	H98H014	Screw	1	2
15	H98H015	Link	1	2
16	H98H016	Opener bracket	1	2
17	H98H017	Screw	1	2
18	H98H018	Washer	1	2
19	H98H019	Opener	1	2
20	H98H020	Spring washer	1	2
21	H98H021	Nut	1	2
22	H98H022	Hook shaft bushing (upper)	1	2
23	H98H023	Screw	1	2
24	H98H024	Washer	1	2
25	H98H025	Hook shaft bushing (lower)	1	2
26	H98H026	Washer	1	2
27	H98H027	Screw	1	1
28	H98H028	Nut	1	2
29	H98H029	Screw	1	2
30	H98H030	Screw	2	4
31	H98H031	Hook saddle (left)		1
32	H98H032	Screw		1

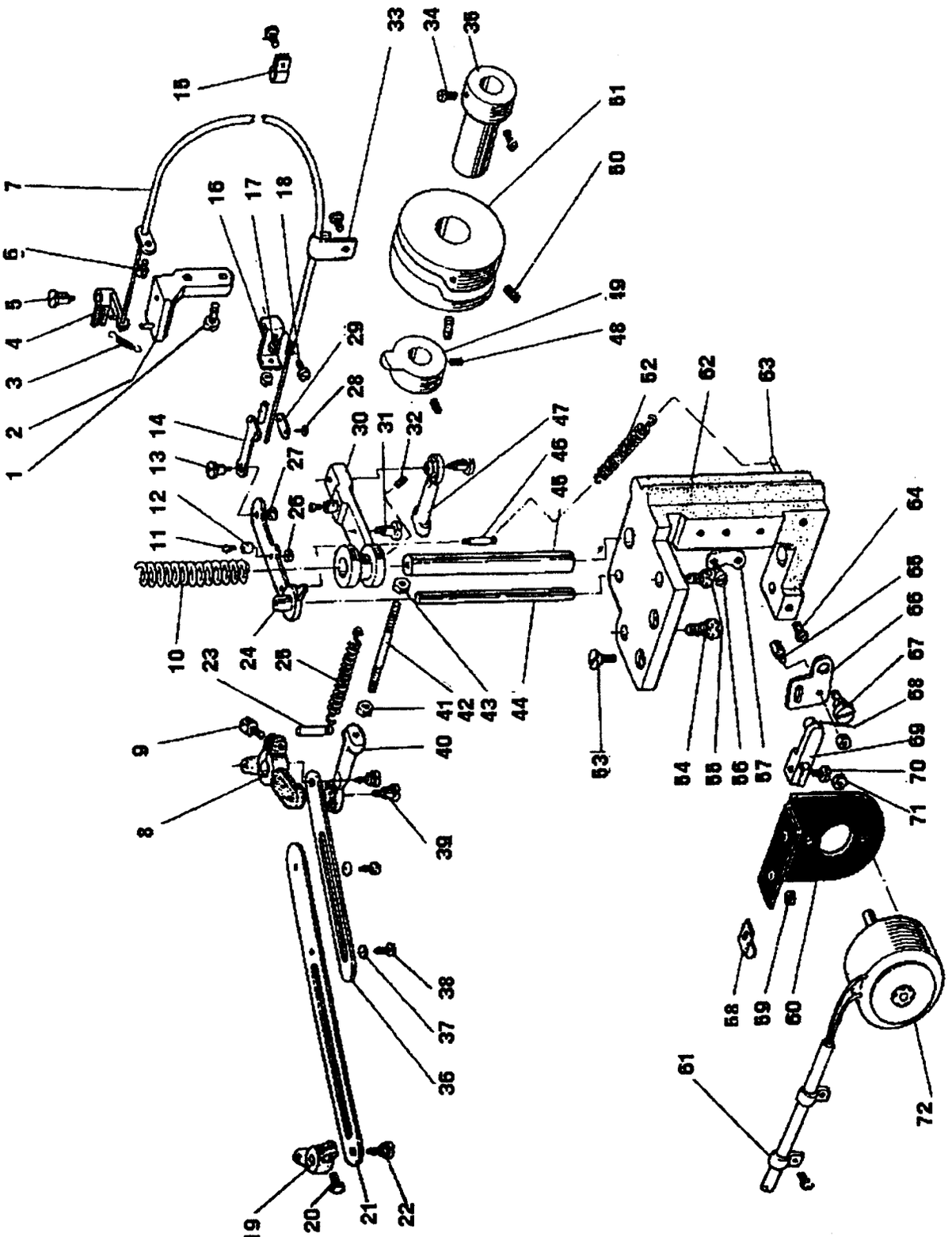
I: KNIFE MECHANISM(I)



I:KNIFE MECHANISM(I)

No.	Ref. No.	Description	WF925-60AUT	WF926-60AUT
1	H98I001	Screw	1	2
2	H98I002	Bolt	1	2
3	H98I003	Trimming knife holder	1	2
4	H98I004	Screw	3	6
5	H98I005	Fixed blade	1	2
6	H98I006	Screw	2	4
7	H98I007	Moved knife	1	2
8	H98I008	Screw	1	2
9	H98I009	Screw	1	2
10	H98I010	Spring plate	1	2
11	H98I011	Screw	3	6
12	H98I012	Reversing spring	1	2
13	H98I013	Guide		1
14	H98I014	Roller	1	2
15	H98I015	Lever	1	2
16	H98I016	Cover	1	1
17	H98I017	Guide	1	1
18	H98I018	Knife pad (right)	1	1
19	H98I019	Screw	1	1
20	H98I020	Knife pad (left)		1
21	H98I021	Cover		1

J: KNIFE MECHANISM（II）



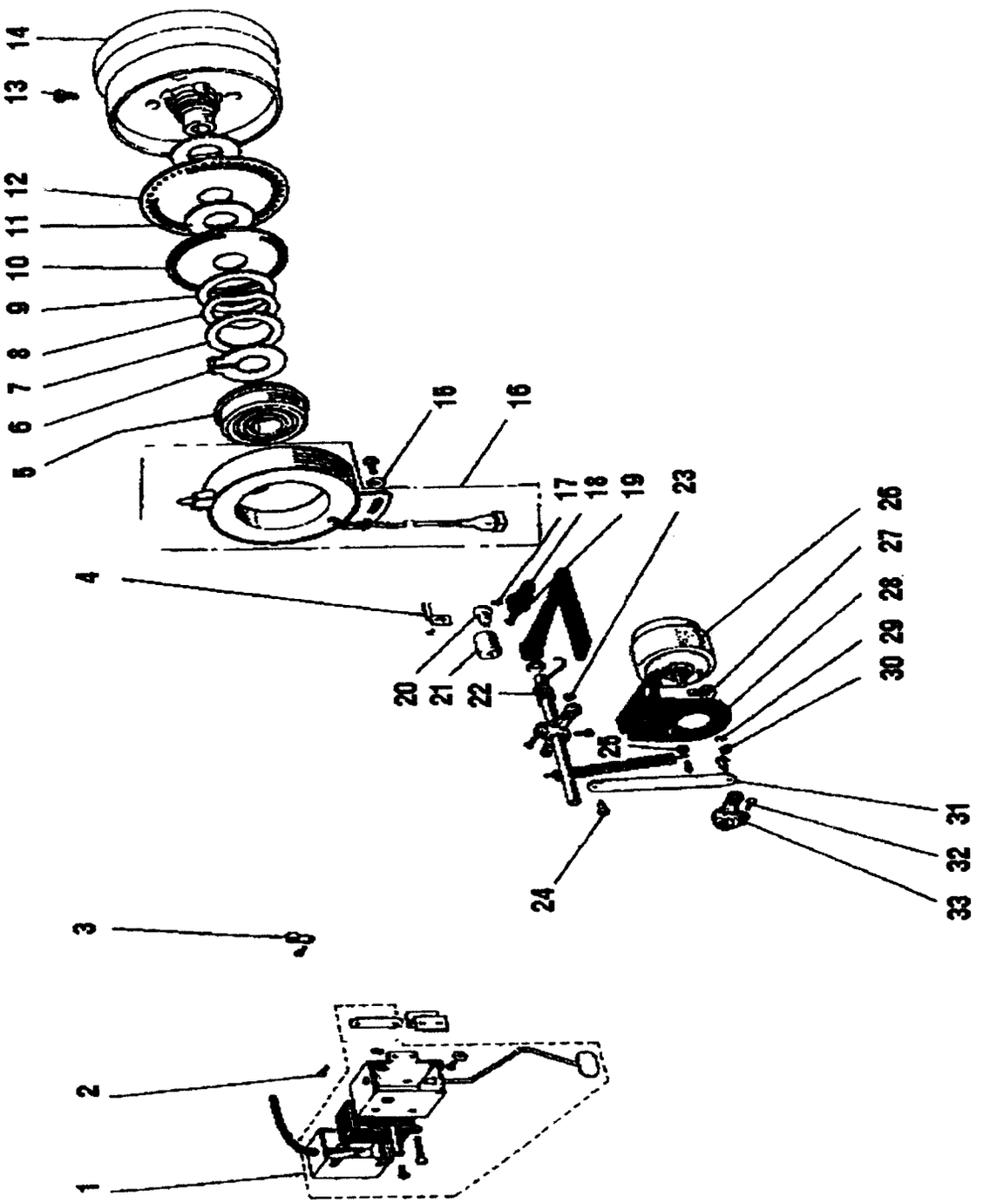
J:KNIFE MECHANISM(II)

No.	Ref. No.	Description	WF925-60AUT	WF926-60AUT
1	H98J001	Screw	2	2
2	H98J002	Thread releading bracket	1	1
3	H98J003	Spring	1	1
4	H98J004	Thread releading plate	1	1
5	H98J005	Screw	1	1
6	H98J006	Screw	4	4
7	H98J007	Flexible wire complete	1	1
8	H98J008	Arm	1	1
9	H98J009	Bolt	1	1
10	H98J010	Spring	1	1
11	H98J011	Screw	1	1
12	H98J012	Roller	1	1
13	H98J013	Screw	1	1
14	H98J014	Mounting plate	1	1
15	H98J015	Nylon clip	1	1
16	H98J016	Mounting plate	1	1
17	H98J017	Nut	2	2
18	H98J018	Screw	1	1
19	H98J019	Arm		1
20	H98J020	Bolt		1
21	H98J021	Link		1
22	H98J022	Screw	1	2
23	H98J023	Pin type	1	1
24	H98J024	Thread releasing lever	1	1
25	H98J025	Spring	1	1
26	H98J026	Nut	1	1
27	H98J027	Nut	1	1
28	H98J028	Screw	2	2
29	H98J029	Bushing	1	1
30	H98J030	Vibrating crank	1	1
31	H98J031	Screw	1	1
32	H98J032	Screw	2	2
33	H98J033	Nylon clip	1	1
34	H98J034	Screw	2	2
35	H98J035	Bushing	1	1
36	H98J036	Link		1
37	H98J037	Washer		2

J:KNIFE MECHANISM(II)

No.	Ref. No.	Description	WF925-60AUT	WF926-60AUT
38	H98J038	Bolt		2
39	H98J039	Screw	2	2
40	H98J040	Ball joint (left)	1	1
41	H98J041	Nut (left)	1	1
42	H98J042	Bolt	1	1
43	H98J043	Nut (right)	1	1
44	H98J044	Shaft	1	1
45	H98J045	Shaft	1	1
46	H98J046	Screw	1	1
47	H98J047	Ball joint (right)	1	1
48	H98J048	Screw	2	2
49	H98J049	Cam	1	1
50	H98J050	Screw	2	2
51	H98J051	Cam	1	1
52	H98J052	Spring	1	1
53	H98J053	Screw	2	2
54	H98J054	Screw	1	1
55	H98J055	Screw	1	1
56	H98J056	Screw	3	3
57	H98J057	Stopper	1	1
58	H98J058	Holder	1	1
59	H98J059	Nut	2	2
60	H98J060	Mounting plate	1	1
61	H98J061	Holder	2	2
62	H98J062	Set plate	1	1
63	H98J063	Pin type	1	1
64	H98J064	Screw	1	1
65	H98J065	Screw	1	1
66	H98J066	Lever	1	1
67	H98J067	Screw	1	1
68	H98J068	Pin	1	1
69	H98J069	Arm	1	1
70	H98J070	Screw	1	1
71	H98J071	Nut	1	1
72	H98J072	Solenoid complete	1	1

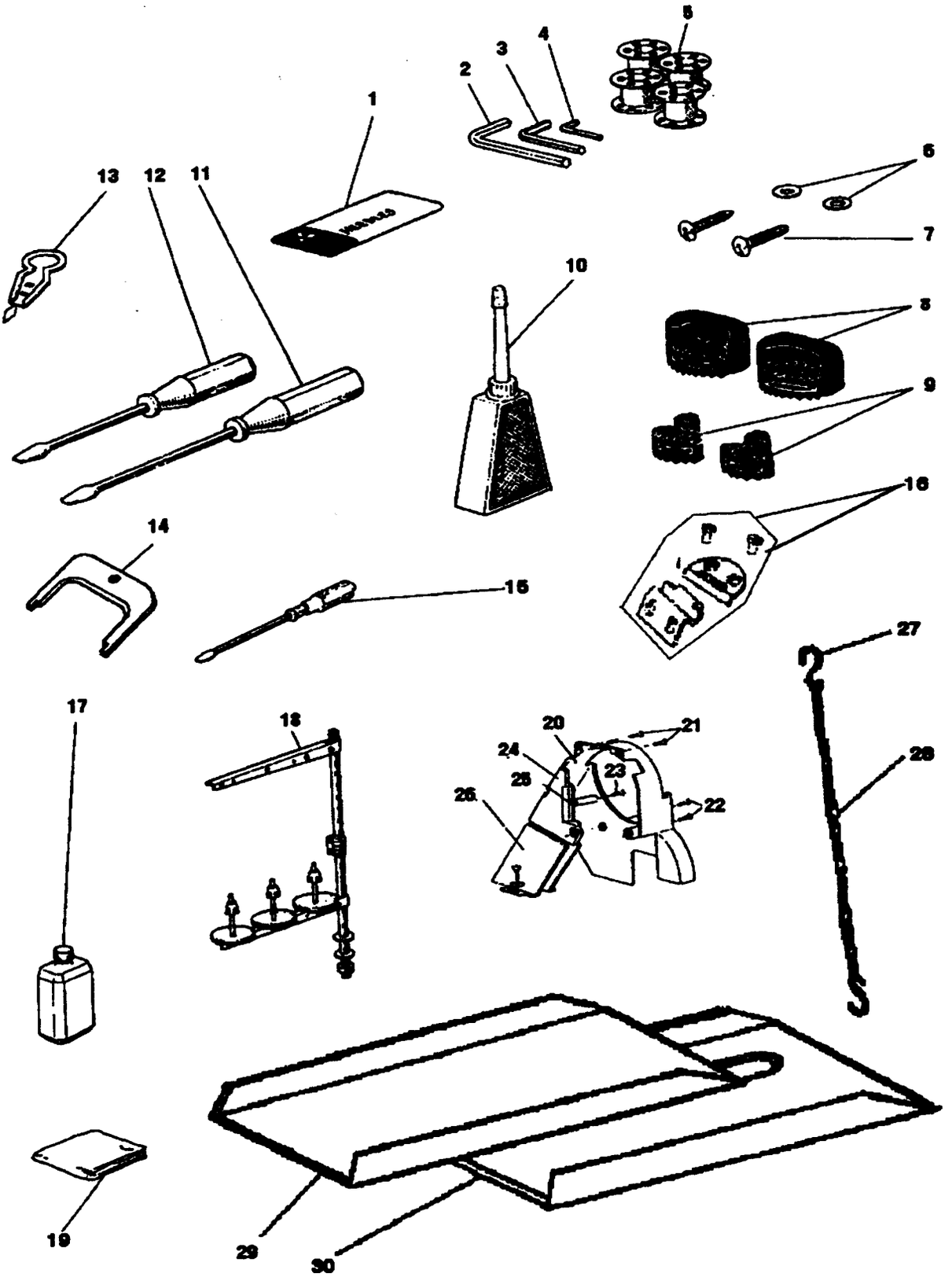
K: TOUCH BACK AND DETECTOR MECHANISM



K:TOUCH BACK AND DETECTOR MECHANISM

No.	Ref. No.	Description	WF925-60AUT	WF926-60AUT
1	H98K001	Touth switch complete	1	1
2	H98K002	Screw	6	6
3	H98K003	Holder	1	1
4	H98K004	Holder	1	1
5	H98K005	Ball bearing	1	1
6	H98K006	Retaining ring C-type	1	1
7	H98K007	Washer	1	1
8	H98K008	Support spring	1	1
9	H98K009	Spacer B	1	1
10	H98K010	Speed command disk F20 (up)	1	1
11	H98K011	Spacer A	2	2
12	H98K012	Speed command disk F11 (down)	1	1
13	H98K013	Screw	2	2
14	H98K014	Pulley (complete)	1	1
15	H98K015	Washer	1	1
16	H98K016	Detector bracket (complete)	1	1
17	H98K017	Screw	1	1
18	H98K018	Lever	1	1
19	H98K019	Screw	1	1
20	H98K020	Screw	1	1
21	H98K021	Rubber ring	1	1
22	H98K022	Spring	1	1
23	H98K023	Nut	2	2
24	H98K024	Screw	2	2
25	H98K025	Nut	1	1
26	H98K026	Solenold (complete)	1	1
27	H98K027	Blot	1	1
28	H98K028	Set plate	1	1
29	H98K029	Spring washer	2	2
30	H98K030	Nut	2	2
31	H98K031	Link	1	1
32	H98K032	Blot	1	1
33	H98K033	Arm	1	1

L: ACCESSORIES



L:ACCESSORIES

No.	Ref. No.	Description	WF925-60AUT	WF926-60AUT
1	H98L001	Needle DPx17-23	3	6
2	H98L002	Socket wrench	1	1
3	H98L003	Socket wrench	1	1
4	H98L004	Socket wrench	1	1
5	H98L005	Bobbin	4	4
6	H98L006	Washer	2	2
7	H98L007	Screw	4	4
8	H98L008	Vibration preventing rubber	2	2
9	H98L009	Vibration preventing rubber	2	2
10	H98L010	Oiler	1	1
11	H98L011	Screw driver (middle)	1	1
12	H98L012	Screw driver (small)	1	1
13	H98L013	Thread a needle kit	1	1
14	H98L014	Adjusting plate	1	1
15	H98L015	Screw driver (large)	1	1
16	H98L016	Gemel complete	1	1
17	H98L017	Oil can	1	1
18	H98L018	Cotton stand	1	1
19	H98L019	Felt	1	1
20	H98L020	Belt cover	1	1
21	H98L021	Screw	2	2
22	H98L022	Screw	2	2
23	H98L023	Screw	1	1
24	H98L024	Belt cover complete	1	1
25	H98L025	Nut	1	1
26	H98L026	Belt cover	1	1
27	H98L027	Pothook	2	2
28	H98L028	Chain belt	1	1
29	H98L029	Oil plate A	1	1
30	H98L030	Oil plate B	1	1